

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063205.D
 Acq On : 2 Sep 2020 19:28
 Operator : JC/MD
 Sample : L3814-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 08-09-12

Quant Time: Sep 03 01:03:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	381142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	780377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	805802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	322010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	313589	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.55	113	239225	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.06	98	951162	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.38	95	370582	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	1827	0.334	ug/l	91
7) Trichlorofluoromethane	2.98	101	29	Below Cal	#	19
11) Tert butyl alcohol	4.73	59	32588	42.610	ug/l #	91
13) Acrolein	3.58	56	75421	258.456	ug/l #	15
14) Allyl chloride	4.22	41	3987	0.537	ug/l #	21
15) Acrylonitrile	4.92	53	113	2.456	ug/l #	1
16) Acetone	3.77	43	9126056	5152.563	ug/l #	69
17) Carbon Disulfide	4.02	76	3931	0.316	ug/l #	65
18) Methyl Acetate	4.29	43	13957	3.073	ug/l #	74
20) Methylene Chloride	4.51	84	20000	3.559	ug/l	88
22) Diisopropyl ether	6.09	45	3879019	233.075	ug/l #	1
23) Vinyl Acetate	6.09	43	10296911	775.398	ug/l #	72
25) 2-Butanone	6.79	43	300392	109.533	ug/l	100
29) Tetrahydrofuran	7.15	42	1380	0.728	ug/l #	70
31) Cyclohexane	7.62	56	11102	Below Cal	#	34
36) 1,1-Dichloropropene	7.63	75	34615	4.614	ug/l #	51
37) Ethyl Acetate	6.79	43	300392	42.462	ug/l #	73
38) Carbon Tetrachloride	7.62	117	41628	5.471	ug/l #	16
40) Benzene	8.00	78	25386	1.152	ug/l	99
41) Methacrylonitrile	7.15	41	4060	1.285	ug/l #	36
43) Isopropyl Acetate	7.97	43	1448220	118.368	ug/l #	56
48) Methyl methacrylate	9.13	41	57599	10.443	ug/l #	46
49) 1,4-Dioxane	9.16	88	1653	19.377	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	20268	3.048	ug/l	91
52) Toluene	10.13	92	15975	1.163	ug/l	91
53) t-1,3-Dichloropropene	10.32	75	215537	23.765	ug/l #	48
55) 1,1,2-Trichloroethane	10.47	97	5952	1.132	ug/l #	1
56) Ethyl methacrylate	10.47	69	13942	1.742	ug/l #	1
59) 2-Hexanone	10.47	43	1226014	262.390	ug/l	85
68) m/p-Xylenes	11.59	106	4641	0.423	ug/l	79
69) o-Xylene	11.92	106	3047	0.288	ug/l	92
74) N-amyl acetate	12.00	43	19796	1.935	ug/l #	47
76) 1,2,3-Trichloropropane	12.38	75	206047	32.567	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	206047	78.714	ug/l #	11

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Quant Time: Sep 03 01:03:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

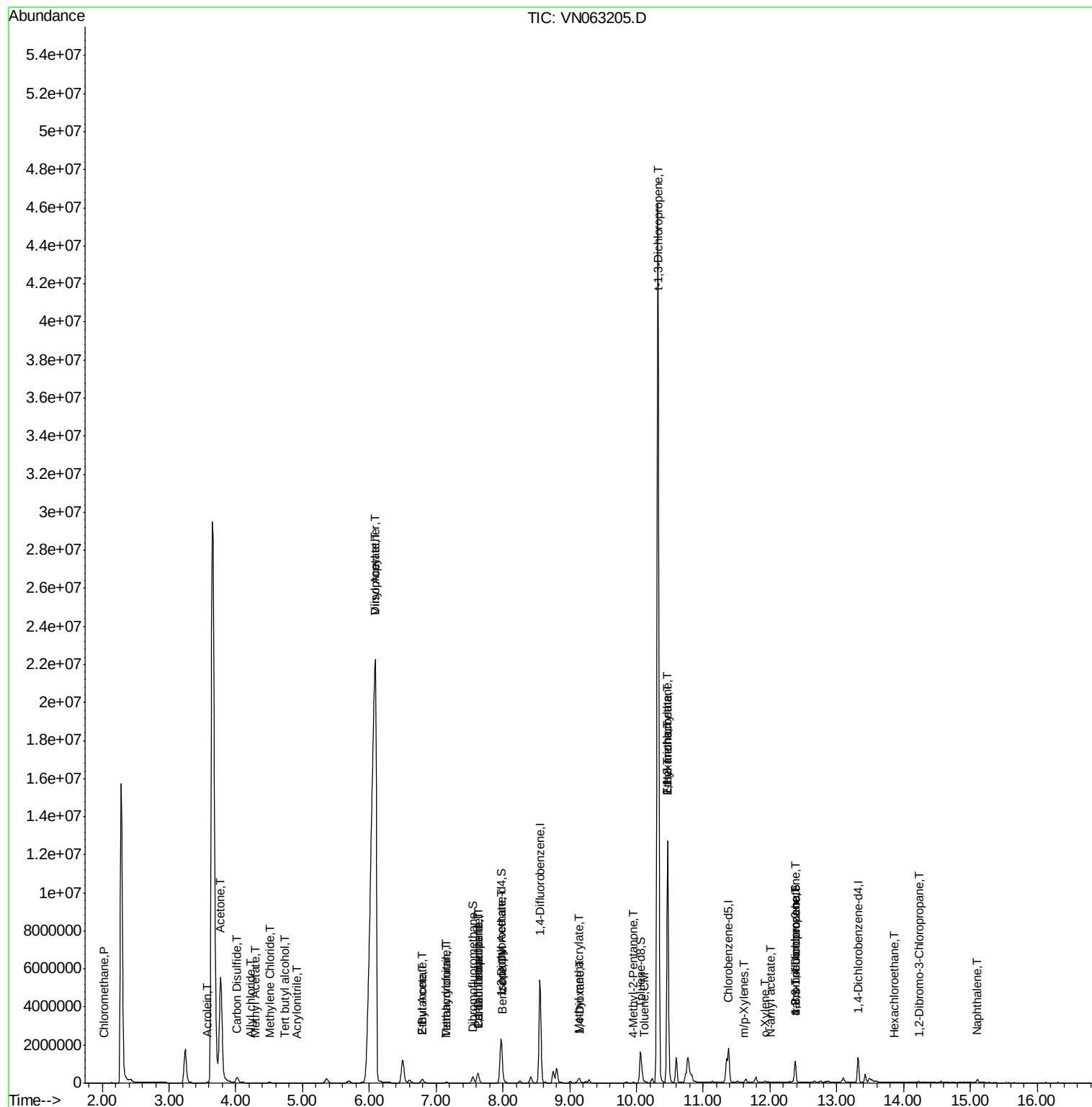
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.86	117	1575	0.417	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	14.23	75	717	0.458	ug/l #	18
95) Naphthalene	15.11	128	137941	7.432	ug/l	98

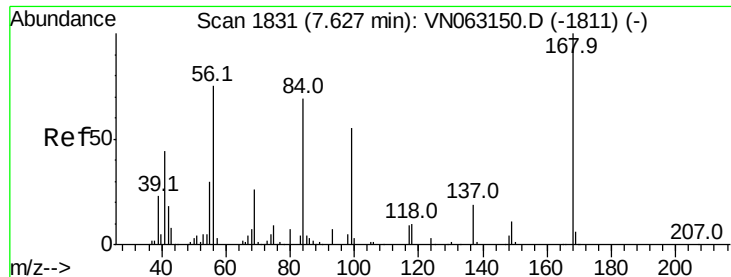
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

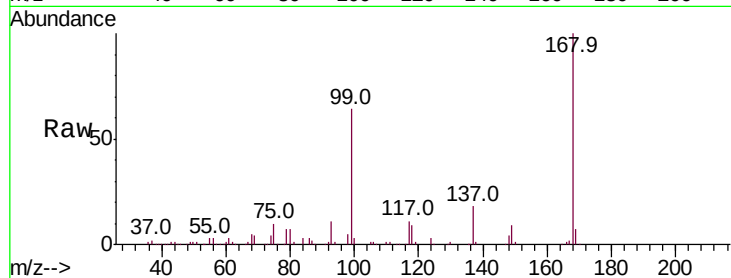
08-09-12

Tot Ion:168 Resp: 381142

Ion Ratio Lower Upper

168 100

99 64.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

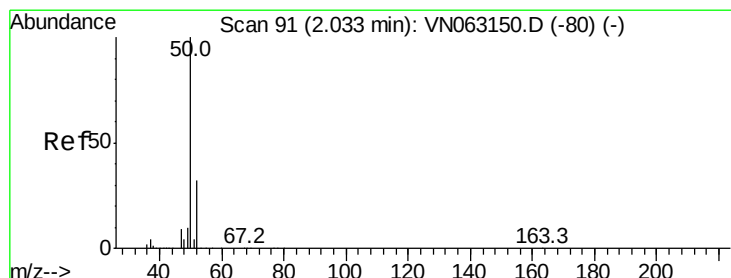
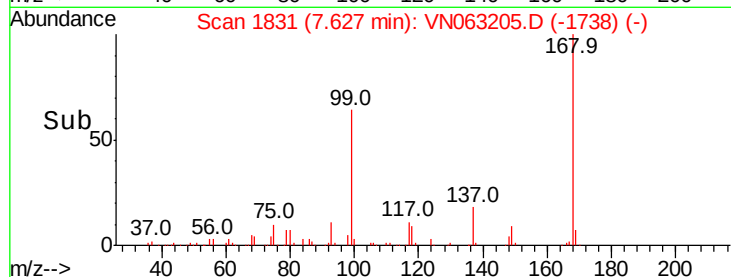
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.334 ug/l

RT: 2.03 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN063205.D

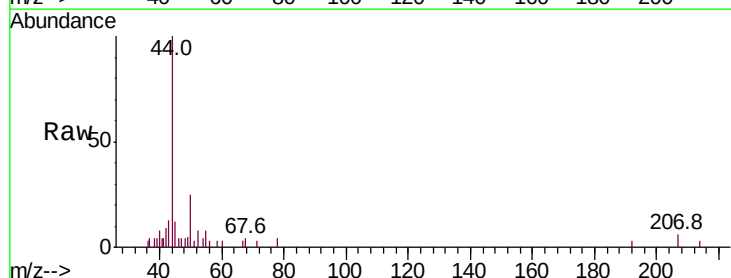
Acq: 2 Sep 2020 19:28

Tgt Ion: 50 Resp: 1827

Ion Ratio Lower Upper

50 100

52 37.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

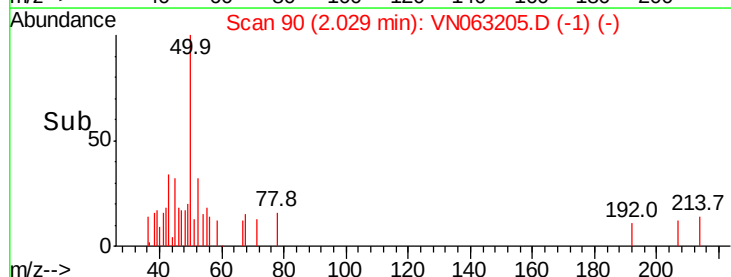
1500

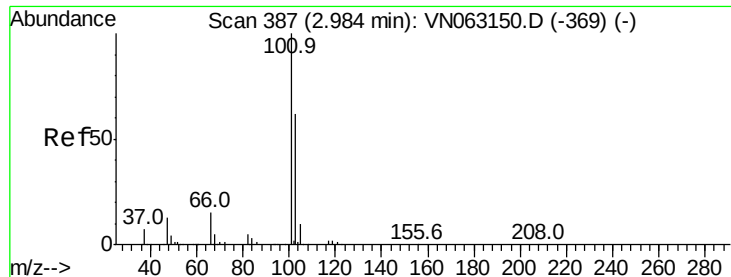
1000

500

0

Time--> 2.00 2.02 2.04 2.06 2.08



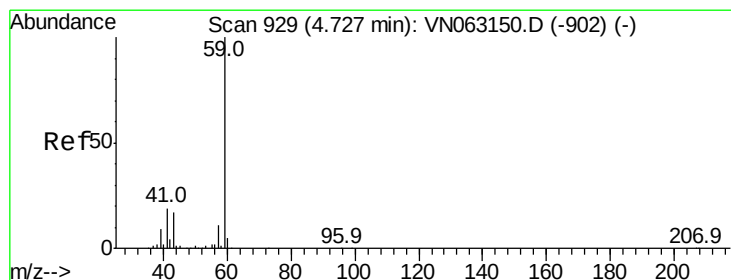
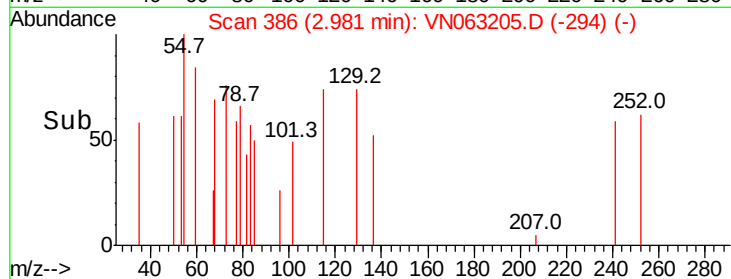
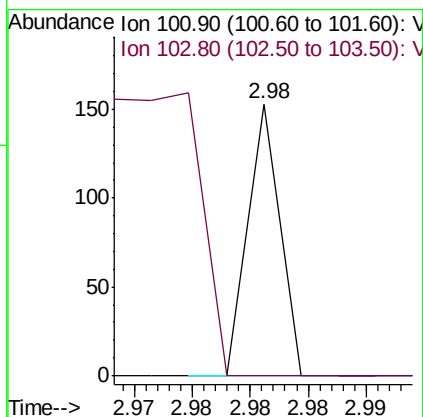
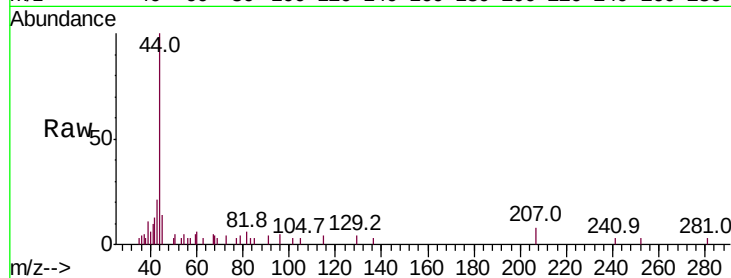


#7

Trichlorofluoromethane
Concen: Below Cal
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063205.D
Acq: 2 Sep 2020 19:28

Instrument :
MSVOA_N
ClientSampled :
08-09-12

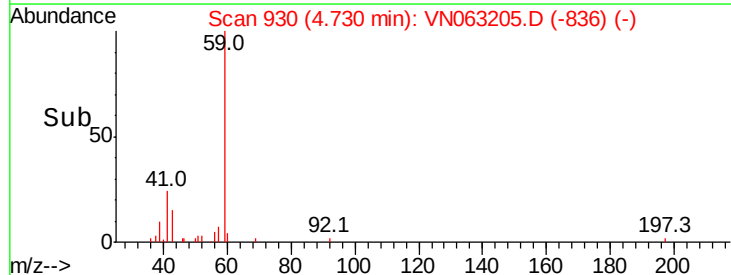
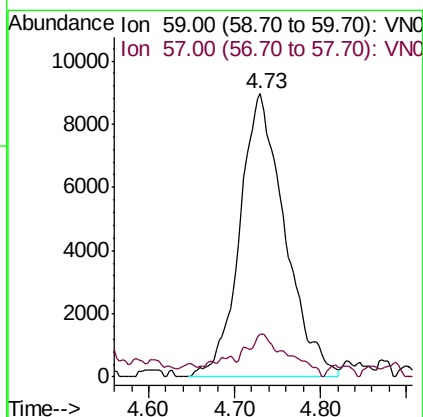
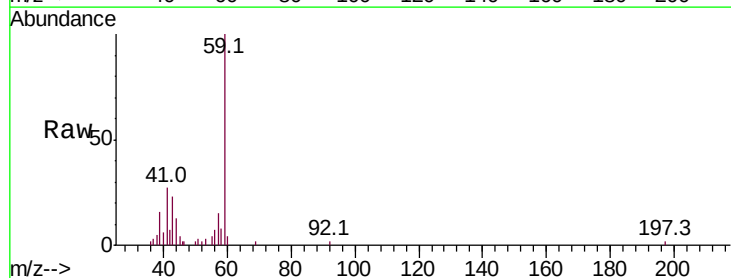
Tot Ion:101 Resp: 29
Ion Ratio Lower Upper
101 100
103 0.0 49.7 74.5#

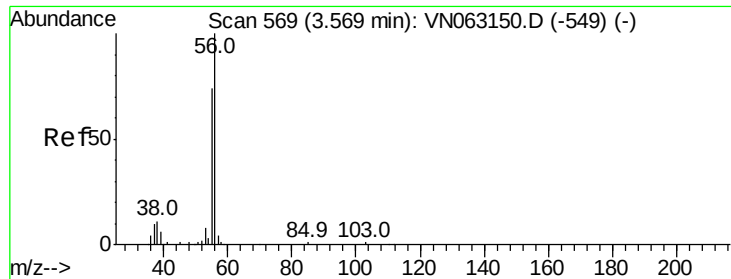


#11

Tert butyl alcohol
Concen: 42.610 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063205.D
Acq: 2 Sep 2020 19:28

Tgt Ion: 59 Resp: 32588
Ion Ratio Lower Upper
59 100
57 13.7 8.4 12.6#





#13

Acrolein

Concen: 258.456 ug/l

RT: 3.58 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

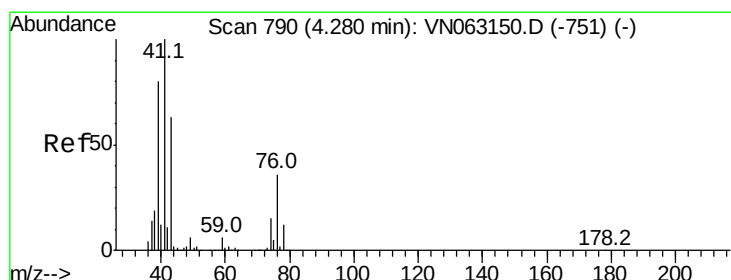
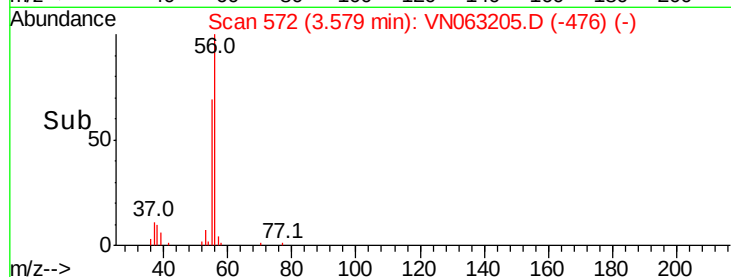
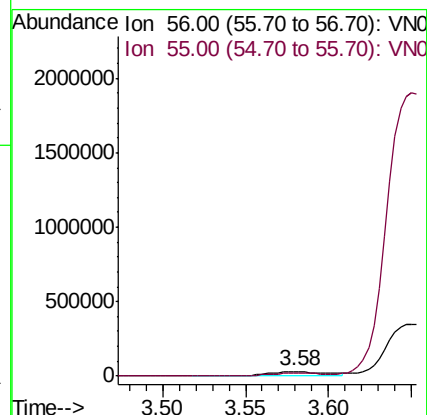
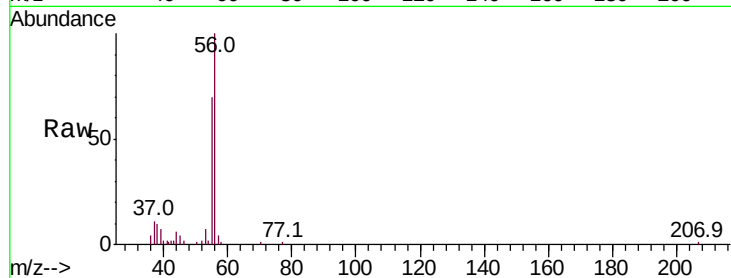
08-09-12

Tot Ion: 56 Resp: 75421

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#14

Allyl chloride

Concen: 0.537 ug/l

RT: 4.22 min Scan# 772

Delta R.T. -0.06 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

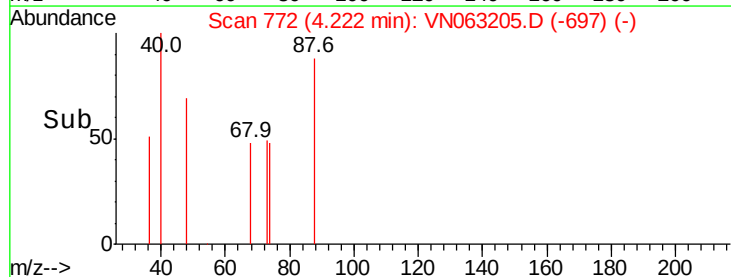
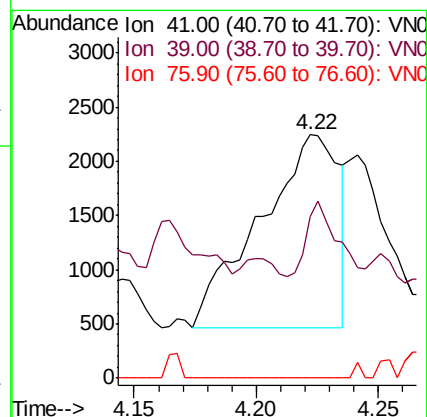
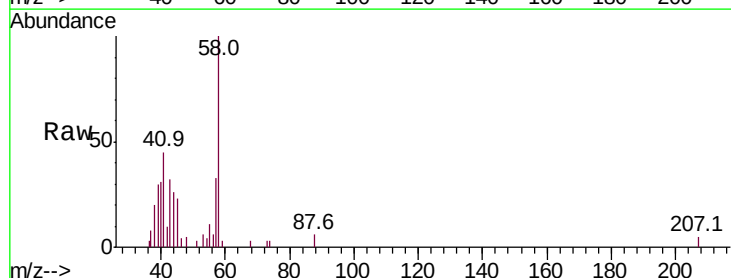
Tgt Ion: 41 Resp: 3987

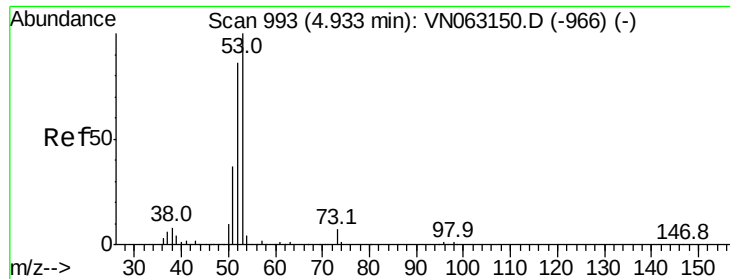
Ion Ratio Lower Upper

41 100

39 0.0 60.2 90.2#

76 0.0 27.7 41.5#





#15

Acrylonitrile

Concen: 2.456 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

08-09-12

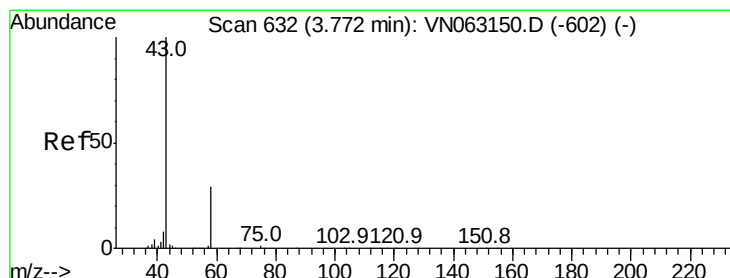
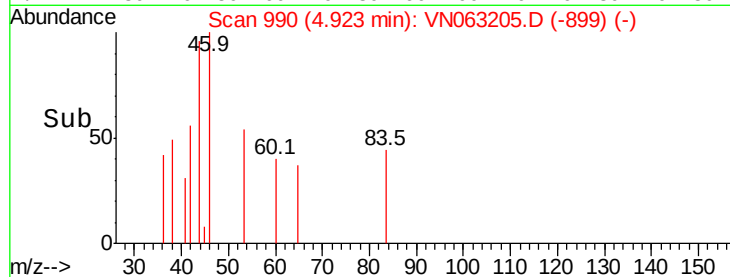
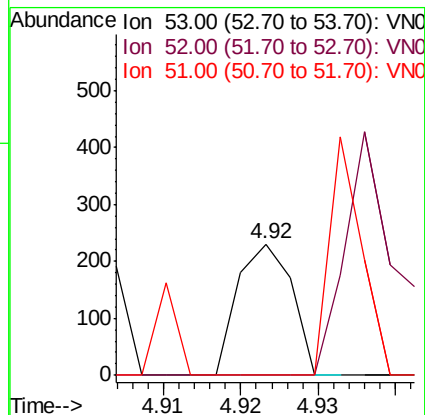
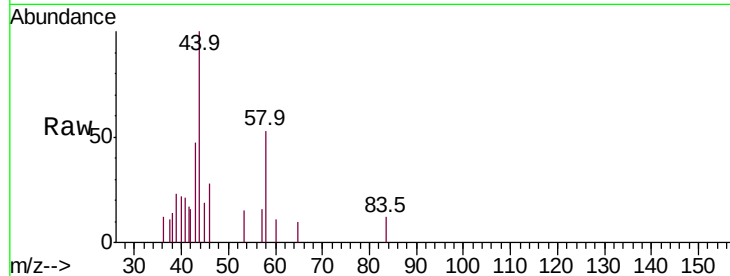
Tot Ion: 53 Resp: 113

Ion Ratio Lower Upper

53 100

52 188.5 67.2 100.8#

51 106.2 30.2 45.4#



#16

Acetone

Concen: 5152.563 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063205.D

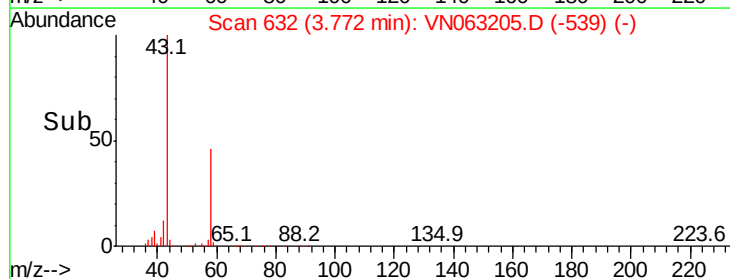
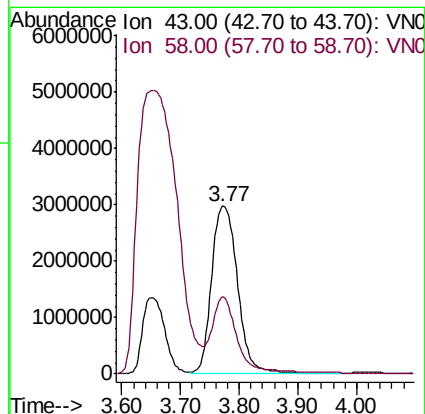
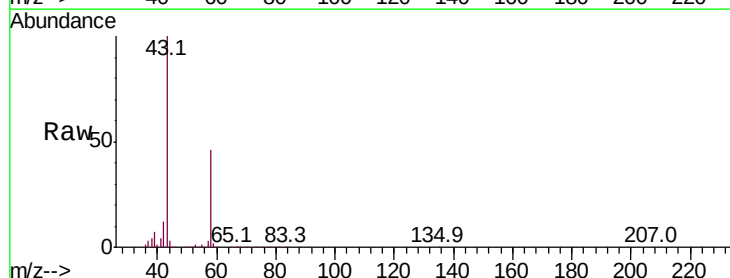
Acq: 2 Sep 2020 19:28

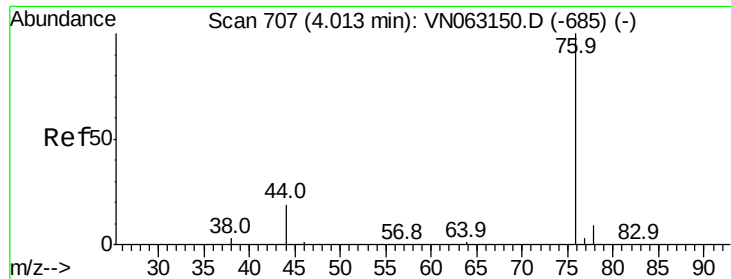
Tgt Ion: 43 Resp: 9126056

Ion Ratio Lower Upper

43 100

58 45.4 23.1 34.7#





#17

Carbon Disulfide

Concen: 0.316 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

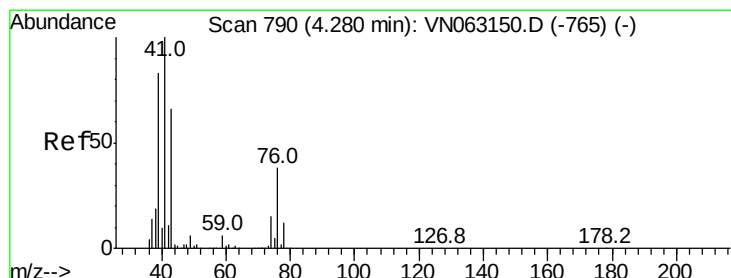
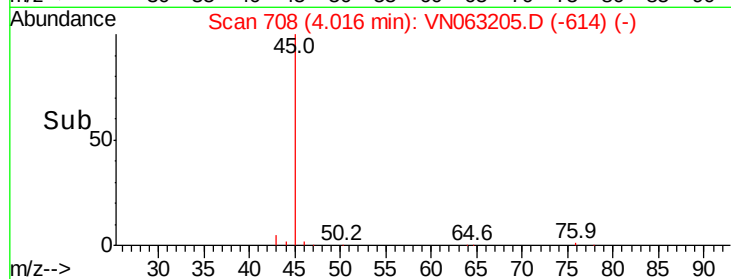
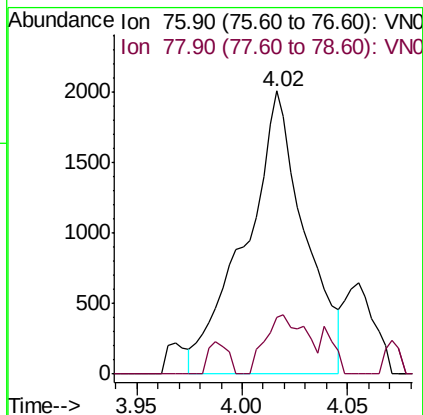
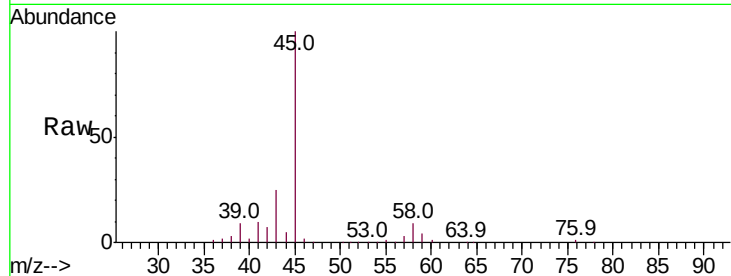
08-09-12

Tot Ion: 76 Resp: 3931

Ion Ratio Lower Upper

76 100

78 22.2 7.5 11.3#



#18

Methyl Acetate

Concen: 3.073 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN063205.D

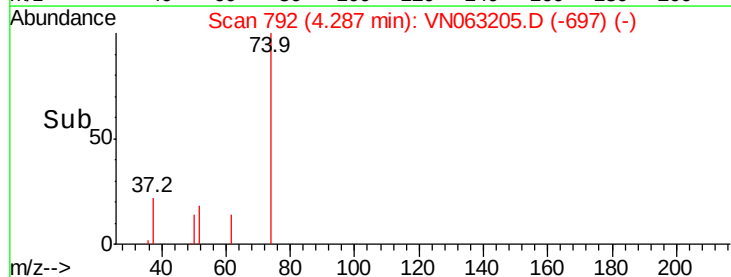
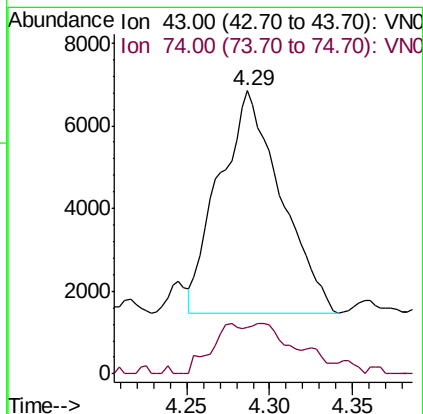
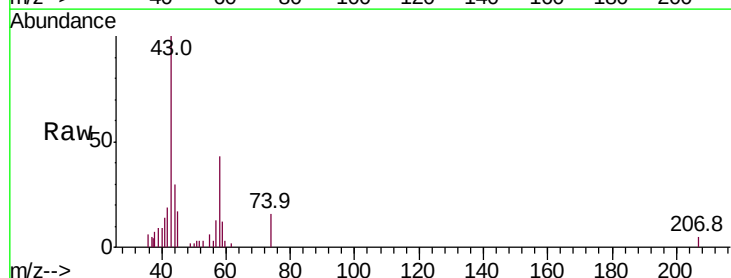
Acq: 2 Sep 2020 19:28

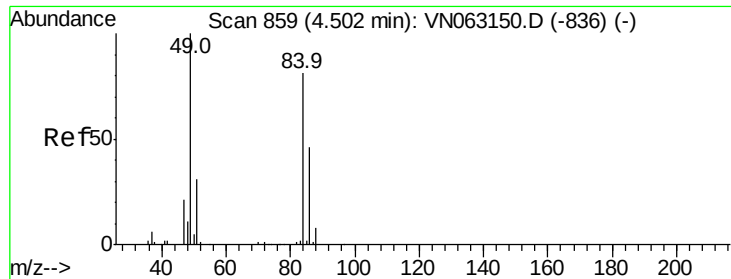
Tgt Ion: 43 Resp: 13957

Ion Ratio Lower Upper

43 100

74 11.2 19.0 28.6#

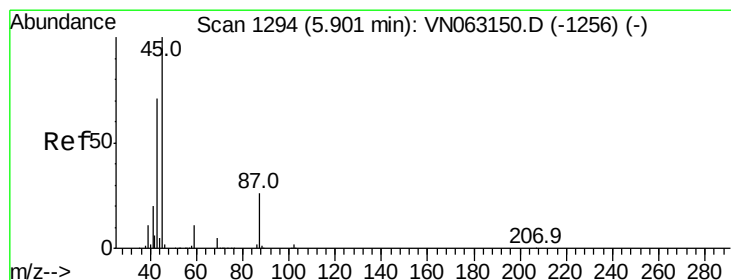
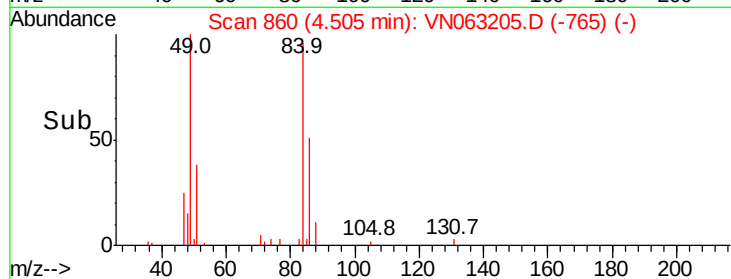
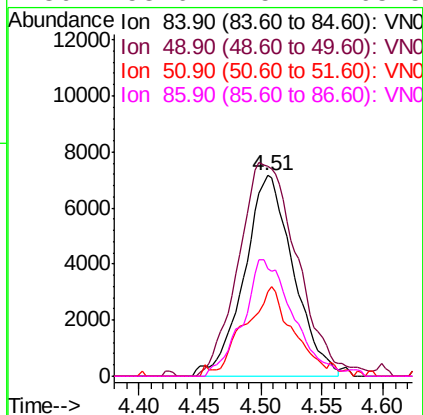
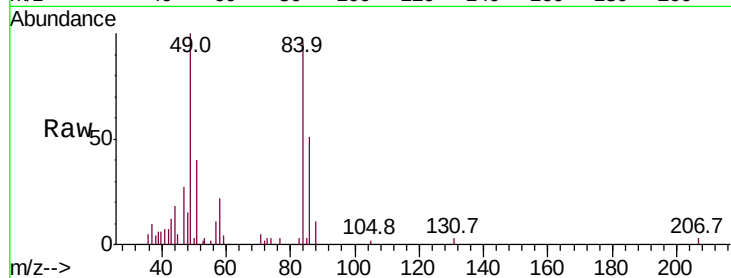




#20
Methylene Chloride
Concen: 3.559 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063205.D
Acq: 2 Sep 2020 19:28

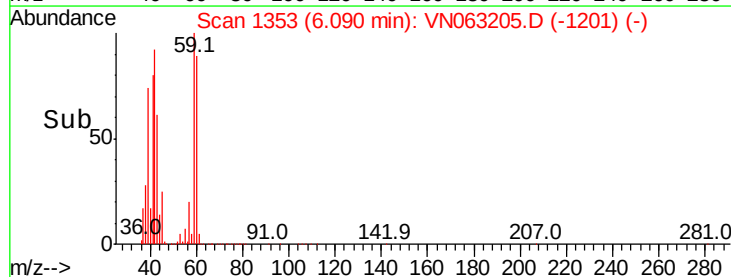
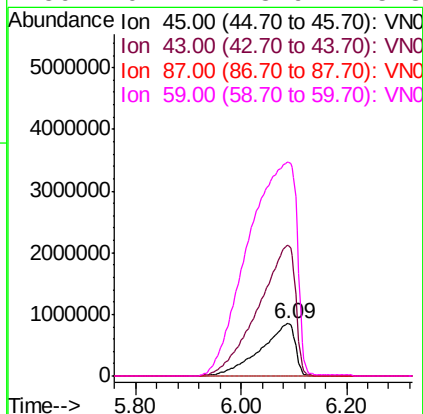
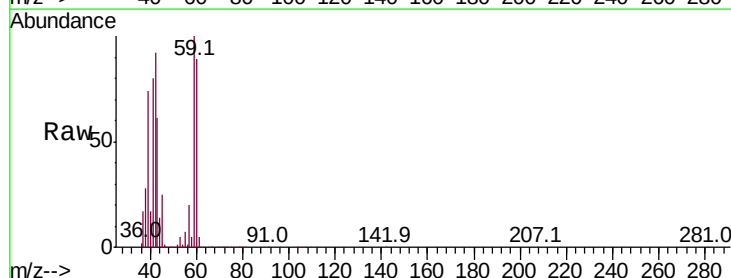
Instrument :
MSVOA_N
ClientSampleId :
08-09-12

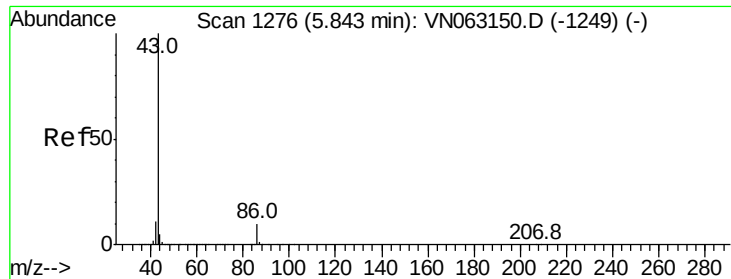
Tot Ion:	84	Resp:	20000
Ion	Ratio	Lower	Upper
84	100		
49	104.5	98.4	147.6
51	42.3	30.4	45.6
86	53.6	45.7	68.5



#22
Diisopropyl ether
Concen: 233.075 ug/l
RT: 6.09 min Scan# 1353
Delta R.T. 0.19 min
Lab File: VN063205.D
Acq: 2 Sep 2020 19:28

Tgt Ion:	45	Resp:	3879019
Ion	Ratio	Lower	Upper
45	100		
43	249.1	56.8	85.2#
87	0.0	21.1	31.7#
59	407.1	8.9	13.3#





#23

Vinyl Acetate

Concen: 775.398 ug/l

RT: 6.09 min Scan# 1353

Delta R.T. 0.25 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

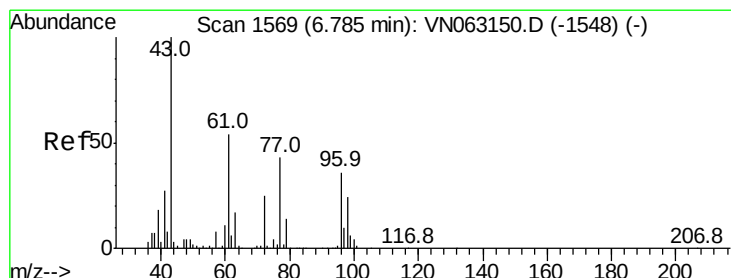
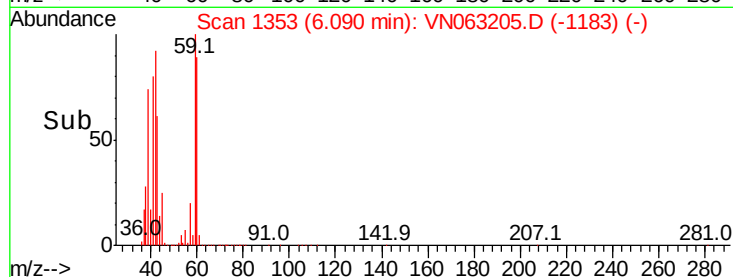
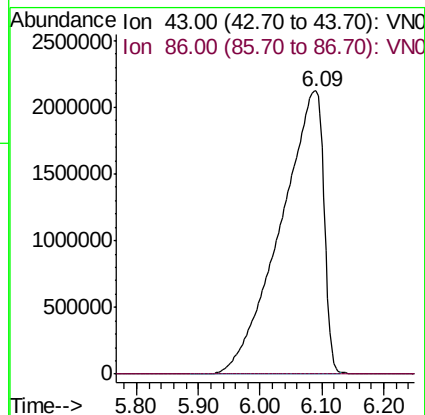
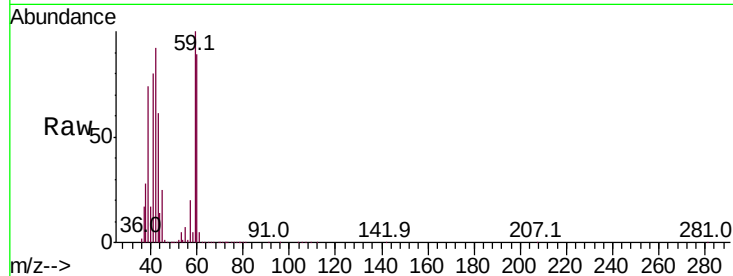
08-09-12

Tot Ion: 43 Resp:10296911

Ion Ratio Lower Upper

43 100

86 0.0 8.3 12.5#



#25

2-Butanone

Concen: 109.533 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063205.D

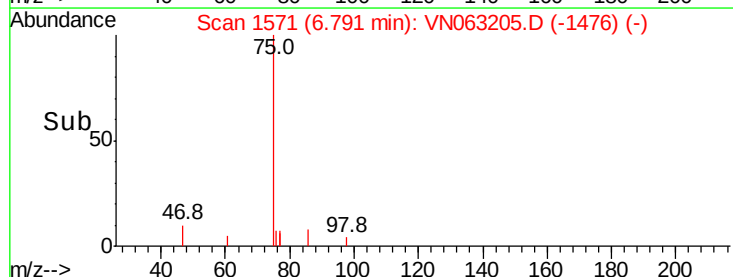
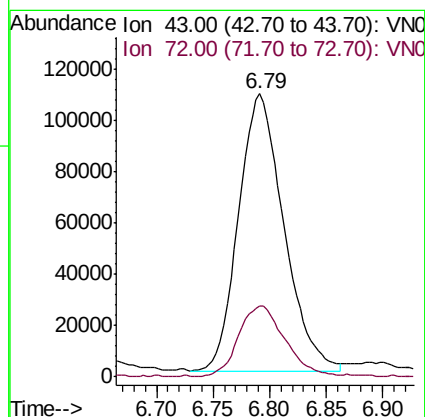
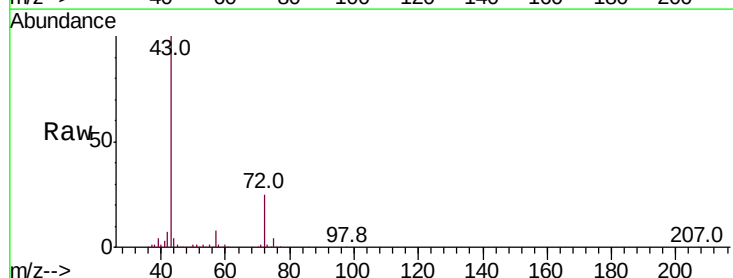
Acq: 2 Sep 2020 19:28

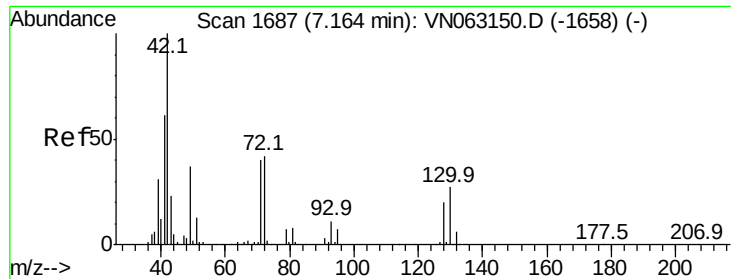
Tgt Ion: 43 Resp: 300392

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.4





#29

Tetrahydrofuran

Concen: 0.728 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

08-09-12

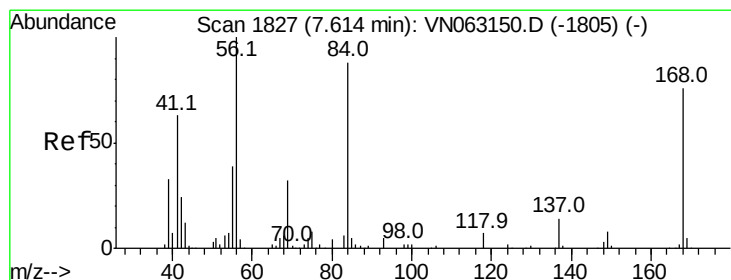
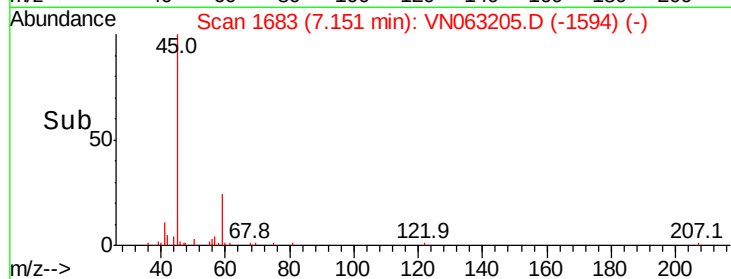
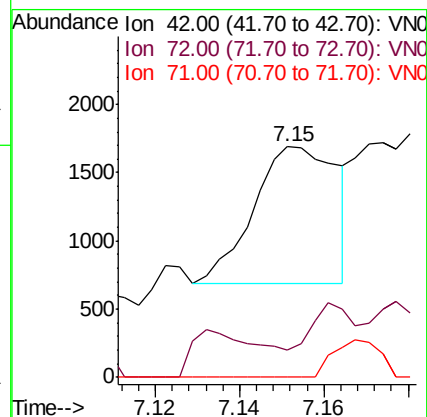
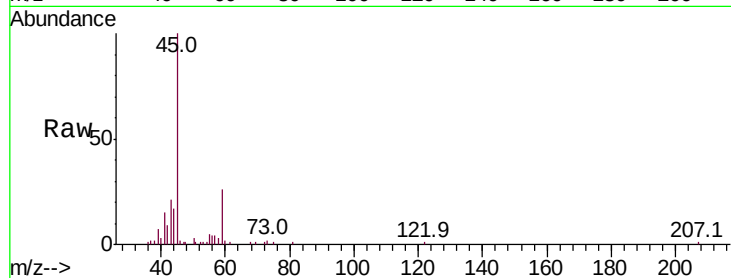
Tot Ion: 42 Resp: 1380

Ion Ratio Lower Upper

42 100

72 29.3 33.9 50.9#

71 15.2 31.9 47.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

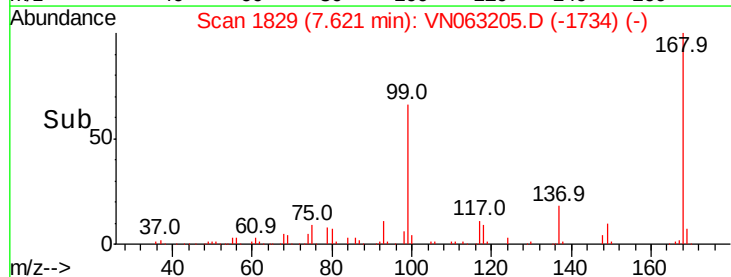
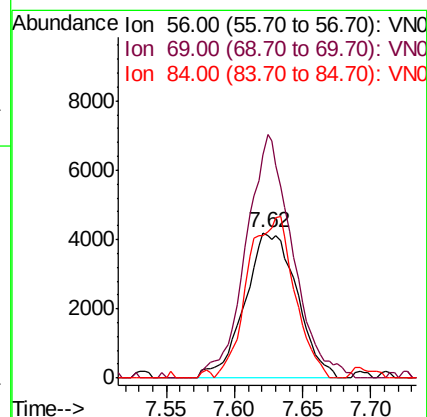
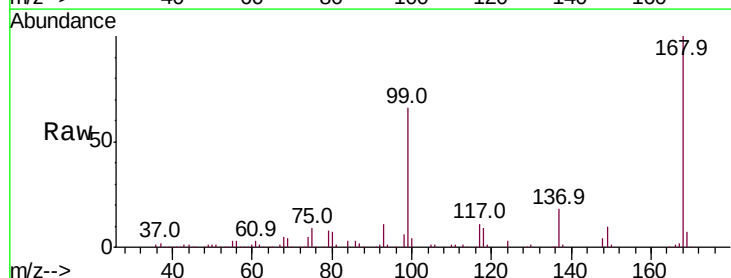
Tgt Ion: 56 Resp: 11102

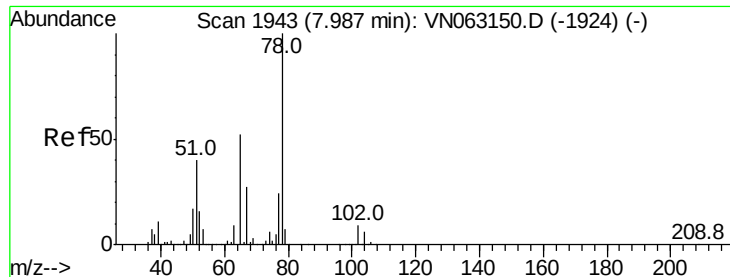
Ion Ratio Lower Upper

56 100

69 153.3 25.4 38.0#

84 98.4 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 50.331 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

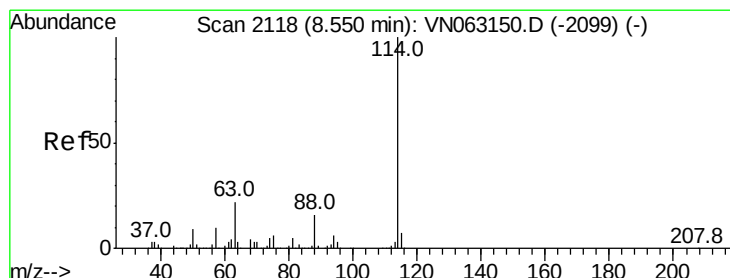
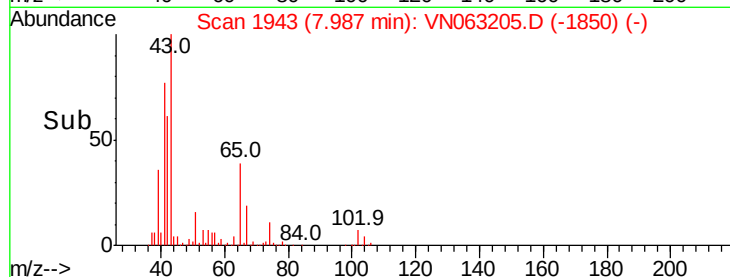
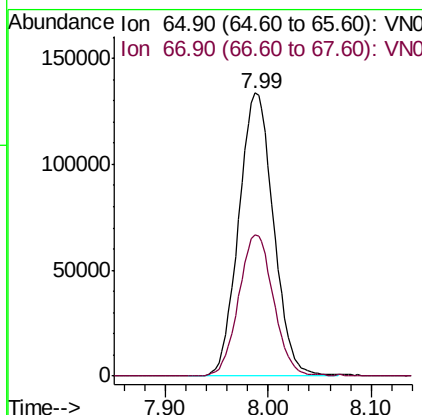
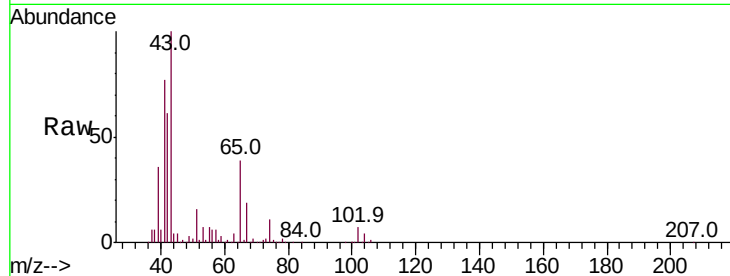
Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :
MSVOA_N
ClientSampled :
08-09-12

Tot Ion: 65 Resp: 313589

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

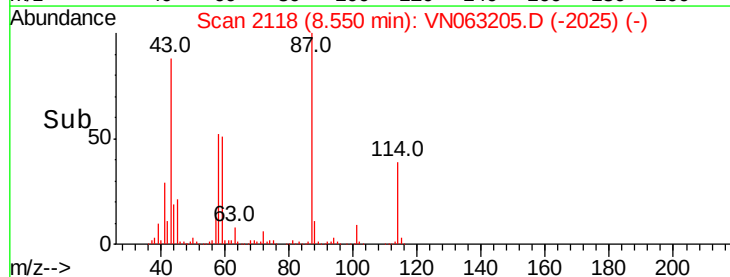
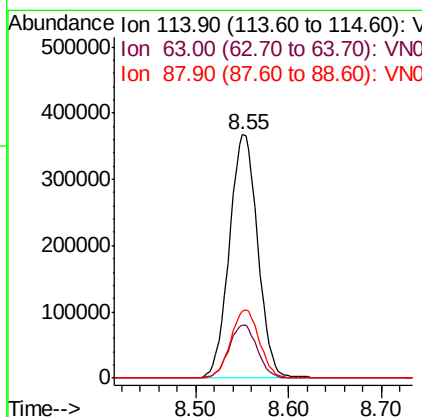
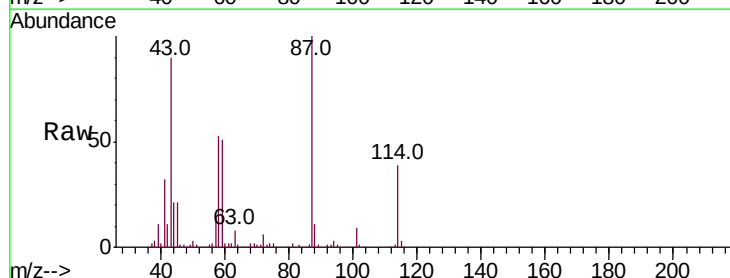
Delta R.T. 0.00 min

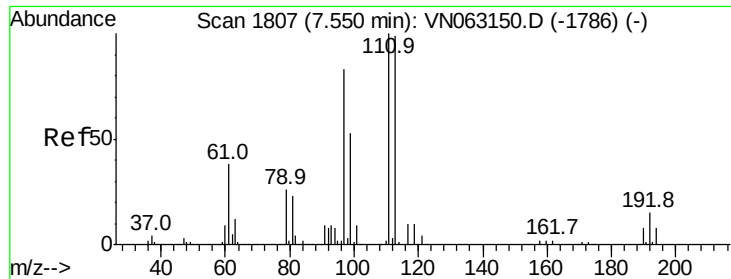
Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Tgt Ion: 114 Resp: 780377

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.0
88	27.7	0.0	31.6





#35

Dibromofluoromethane

Concen: 47.783 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

08-09-12

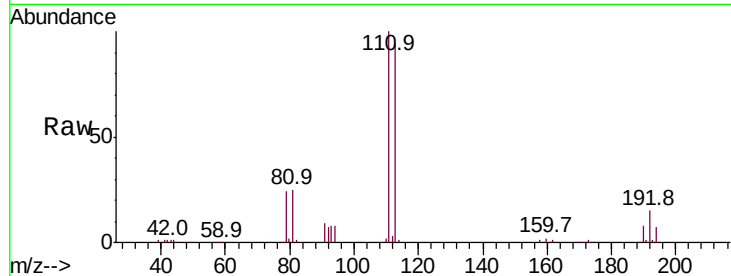
Tot Ion:113 Resp: 239225

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

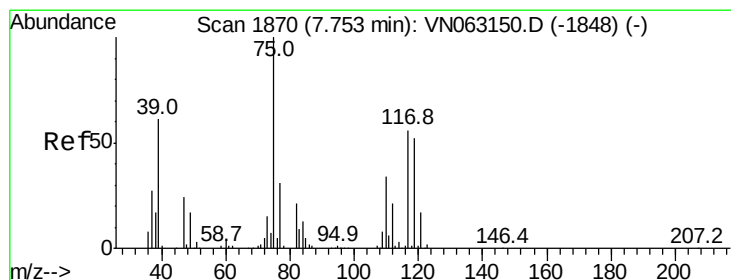
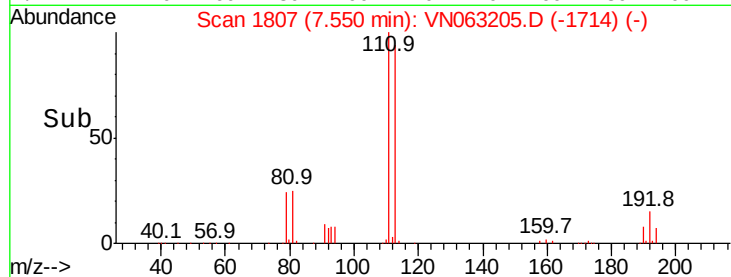
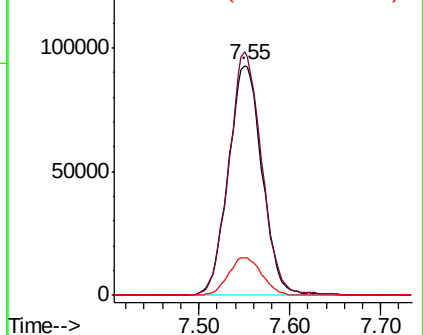
192 16.3 12.6 19.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.614 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

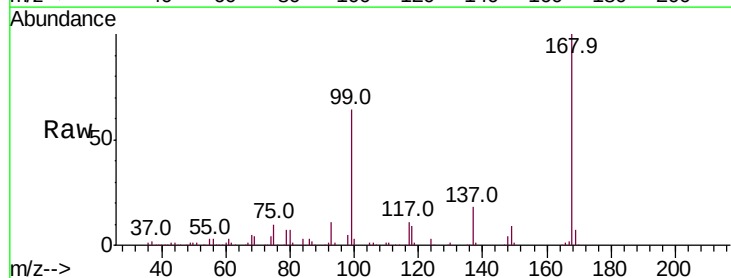
Tgt Ion: 75 Resp: 34615

Ion Ratio Lower Upper

75 100

110 9.6 16.6 49.8#

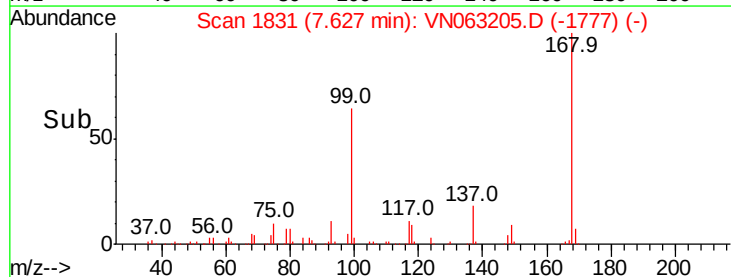
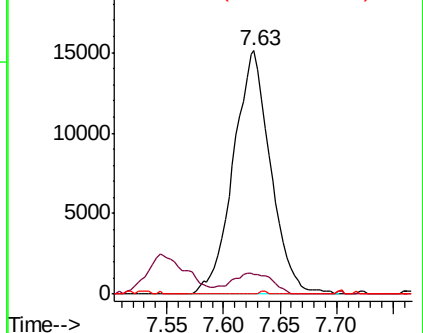
77 0.0 25.4 38.2#

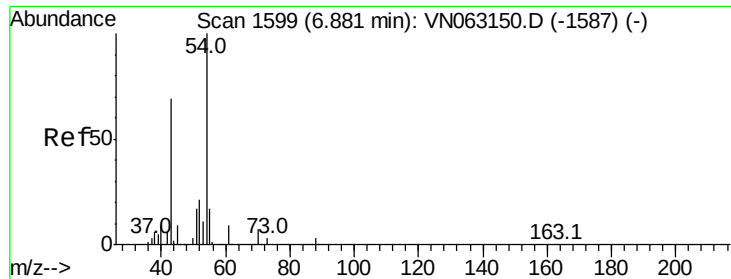


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 42.462 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. -0.09 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

08-09-12

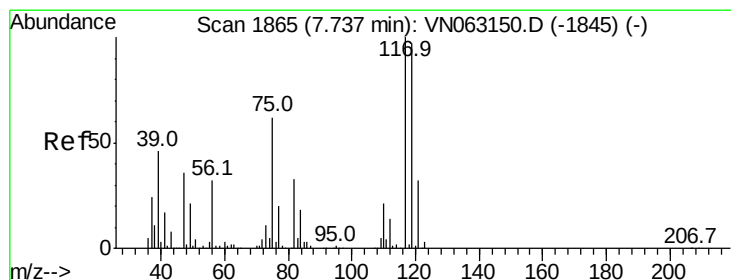
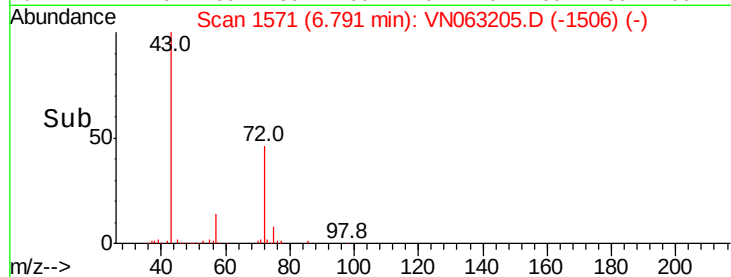
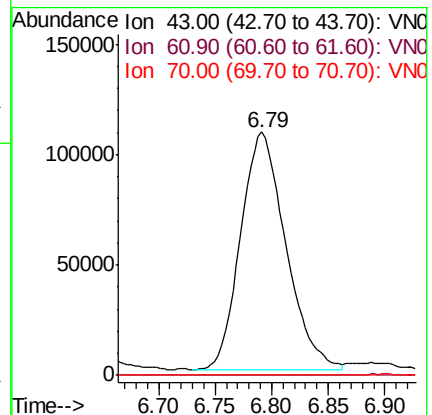
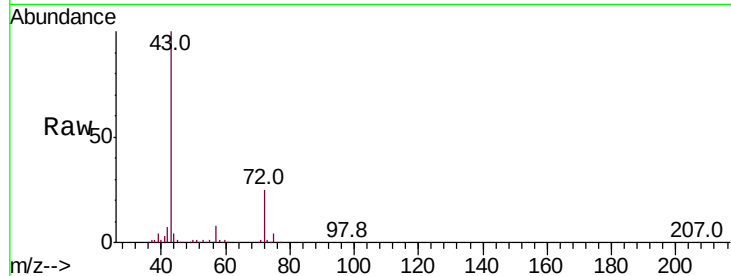
Tot Ion: 43 Resp: 300392

Ion Ratio Lower Upper

43 100

61 0.1 10.2 15.4#

70 0.1 3.0 4.6#



#38

Carbon Tetrachloride

Concen: 5.471 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

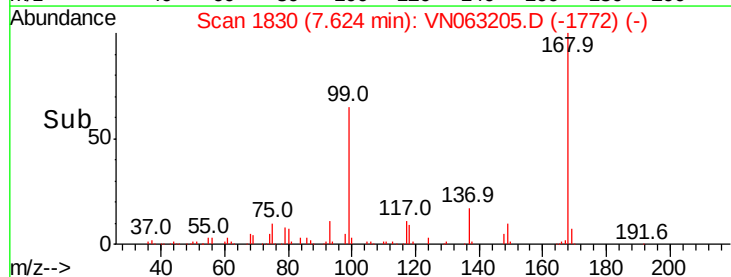
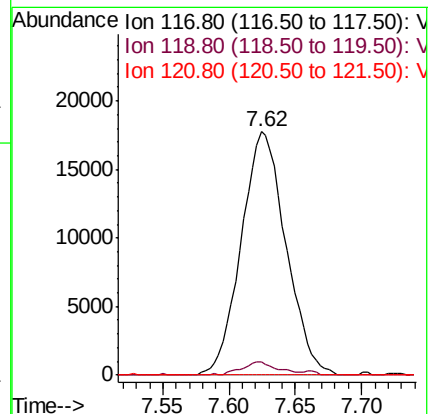
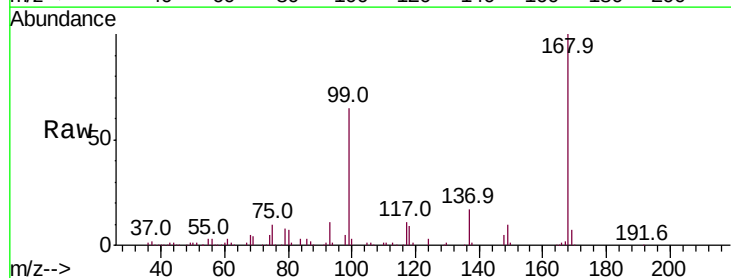
Tgt Ion: 117 Resp: 41628

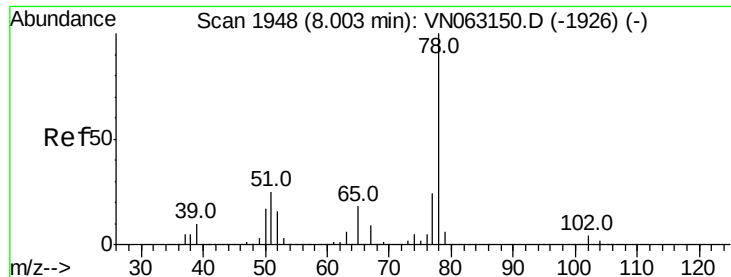
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 25.6 38.4#





#40

Benzene

Concen: 1.152 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

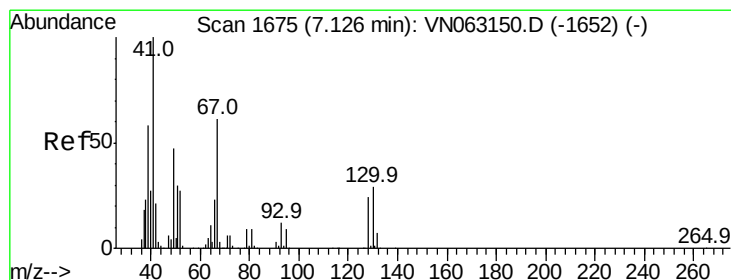
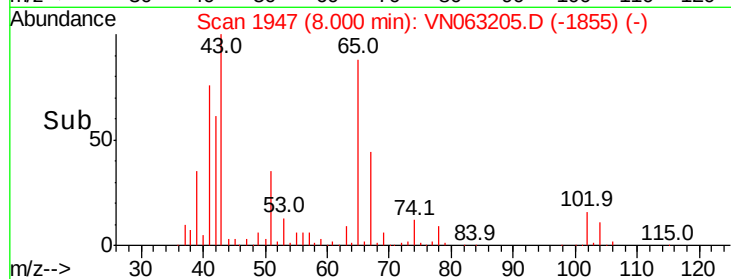
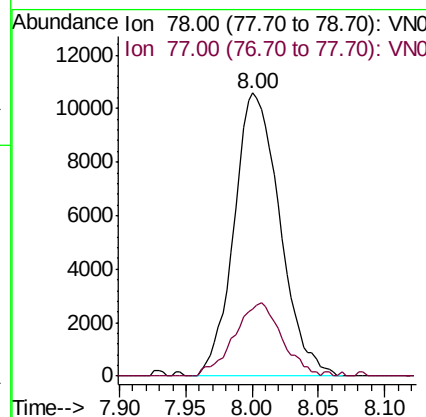
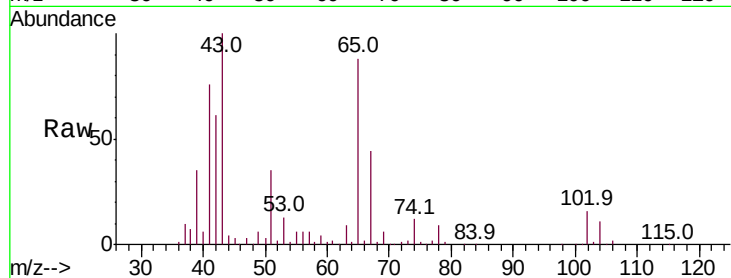
08-09-12

Tot Ion: 78 Resp: 25386

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9



#41

Methacrylonitrile

Concen: 1.285 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.02 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Tgt Ion: 41 Resp: 4060

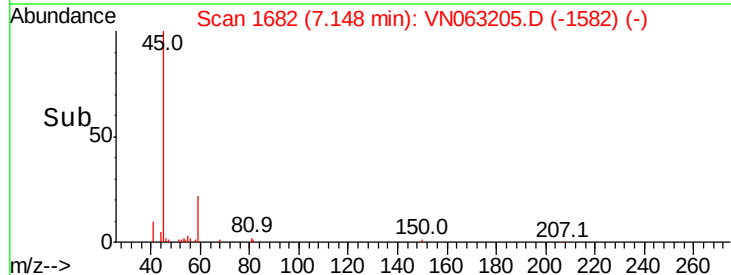
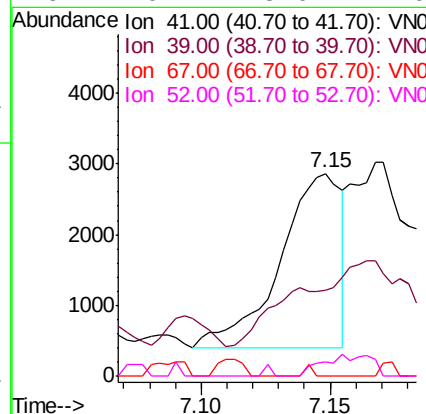
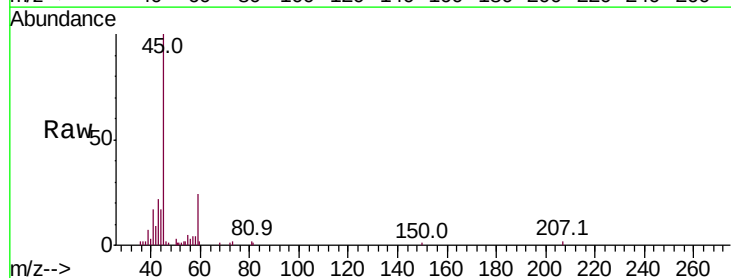
Ion Ratio Lower Upper

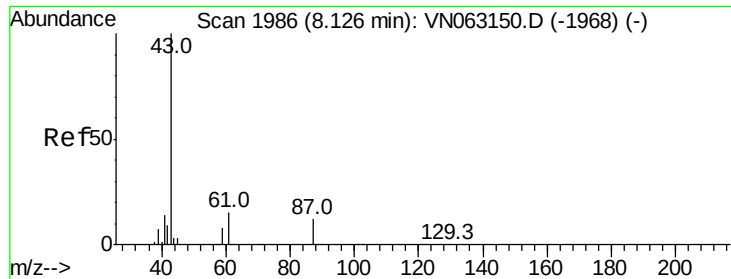
41 100

39 27.2 46.6 70.0#

67 0.7 62.6 94.0#

52 9.7 28.0 42.0#





#43

Isopropyl Acetate

Concen: 118.368 ug/l

RT: 7.97 min Scan# 1938

Delta R.T. -0.15 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

08-09-12

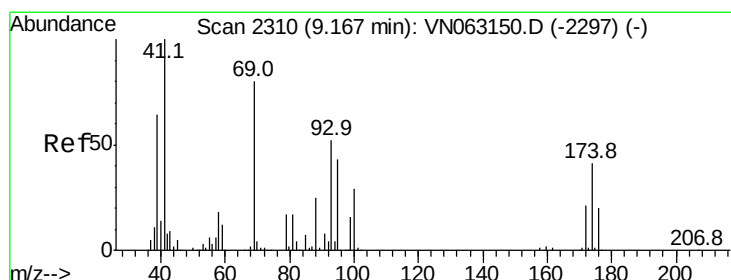
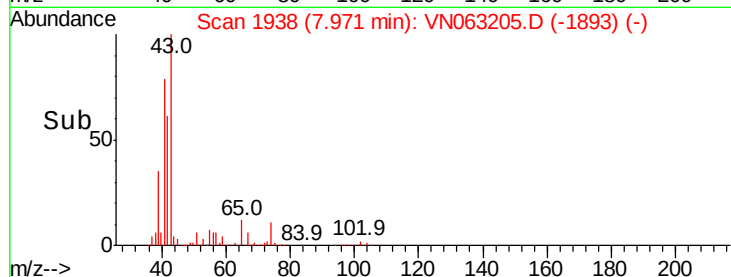
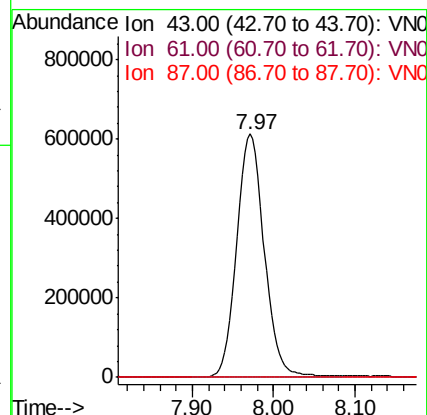
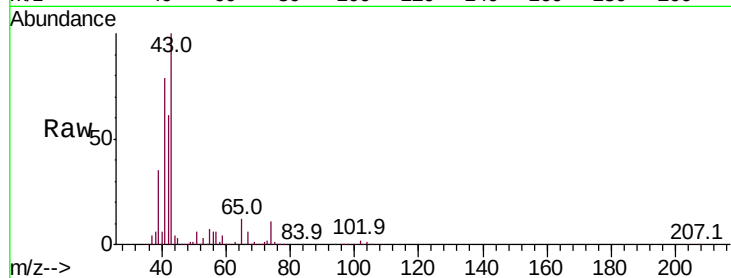
Tot Ion: 43 Resp: 1448220

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.4#

87 0.0 9.8 14.6#



#48

Methyl methacrylate

Concen: 10.443 ug/l

RT: 9.13 min Scan# 2299

Delta R.T. -0.04 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

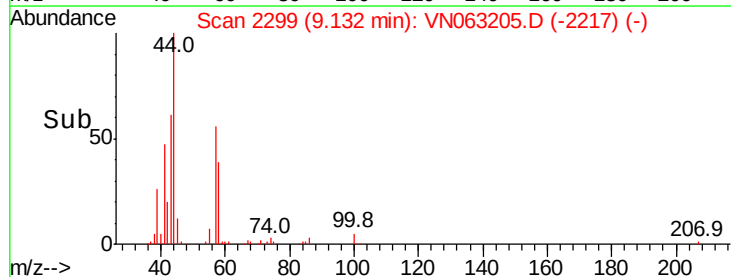
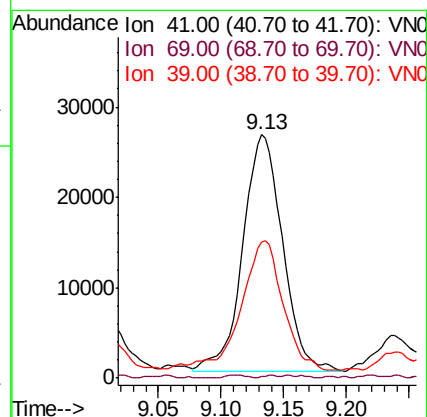
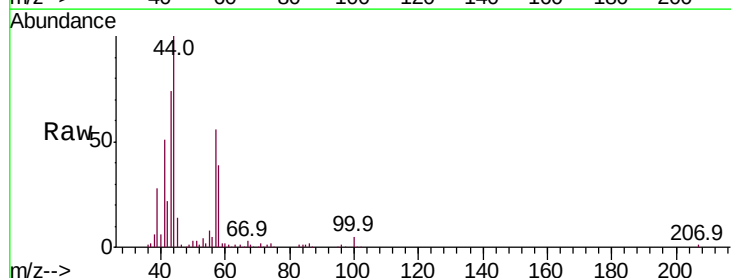
Tgt Ion: 41 Resp: 57599

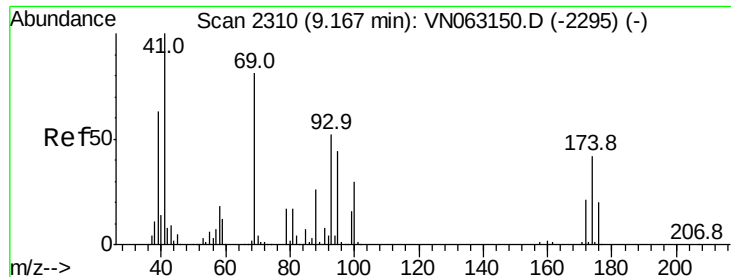
Ion Ratio Lower Upper

41 100

69 0.4 65.9 98.9#

39 59.5 52.0 78.0





#49

1,4-Dioxane

Concen: 19.377 ug/l

RT: 9.16 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

08-09-12

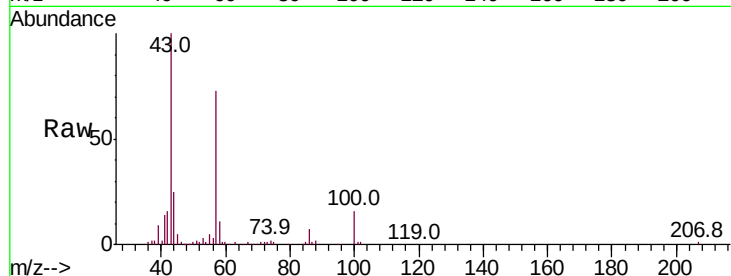
Tot Ion: 88 Resp: 1653

Ion Ratio Lower Upper

88 100

43 9152.8 28.6 42.8#

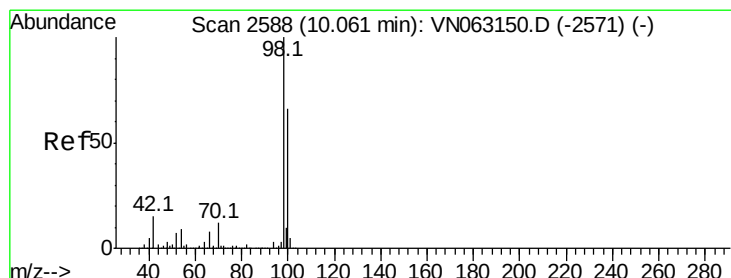
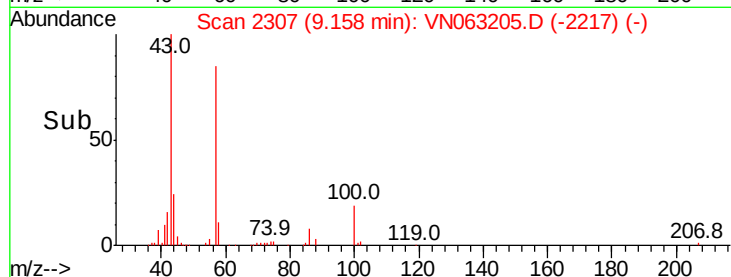
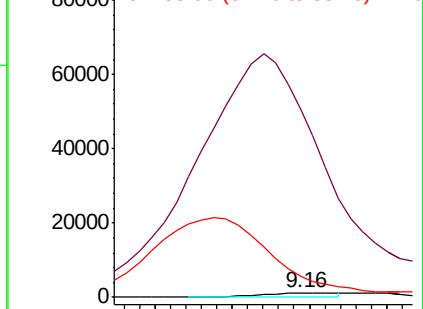
58 0.0 53.2 79.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.359 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063205.D

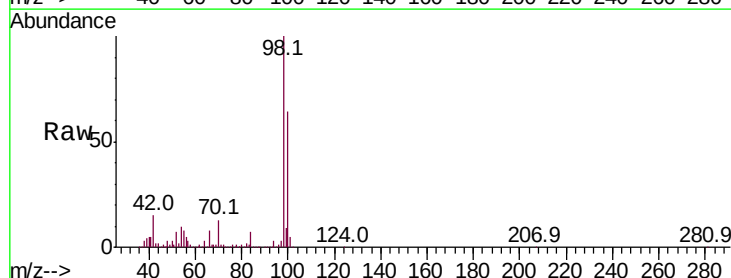
Acq: 2 Sep 2020 19:28

Tgt Ion: 98 Resp: 951162

Ion Ratio Lower Upper

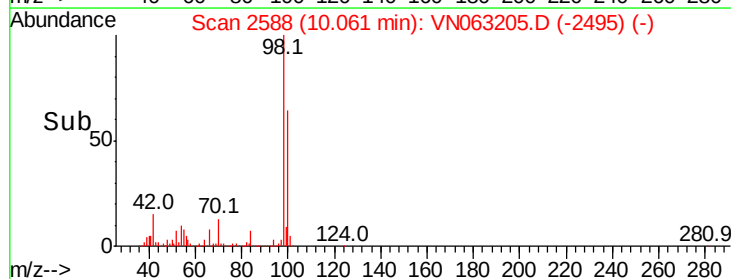
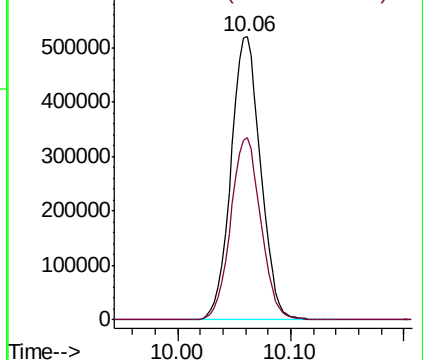
98 100

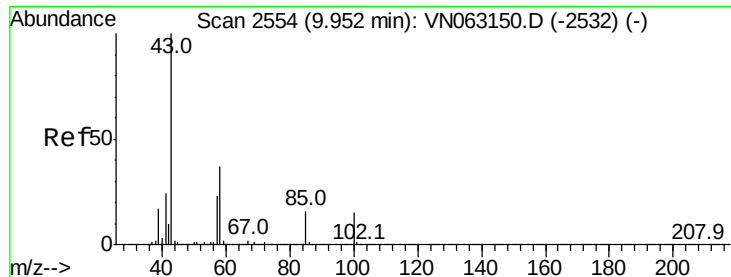
100 65.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 3.048 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

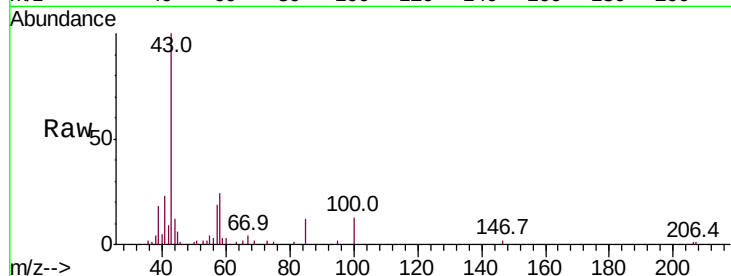
08-09-12

Tot Ion: 43 Resp: 20268

Ion Ratio Lower Upper

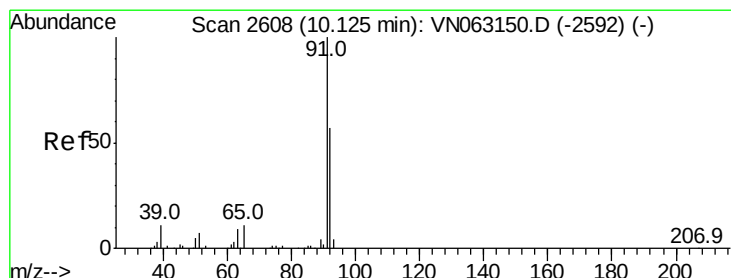
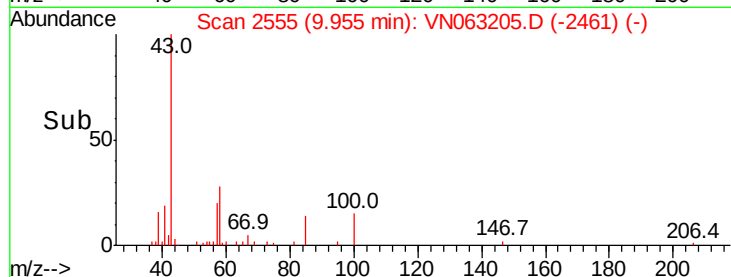
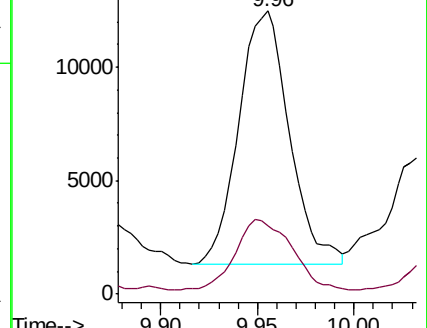
43 100

58 31.1 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)



#52

Toluene

Concen: 1.163 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063205.D

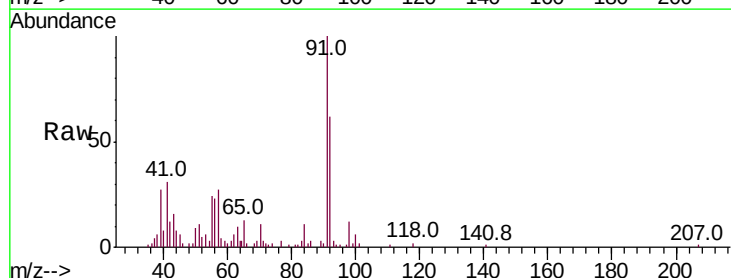
Acq: 2 Sep 2020 19:28

Tgt Ion: 92 Resp: 15975

Ion Ratio Lower Upper

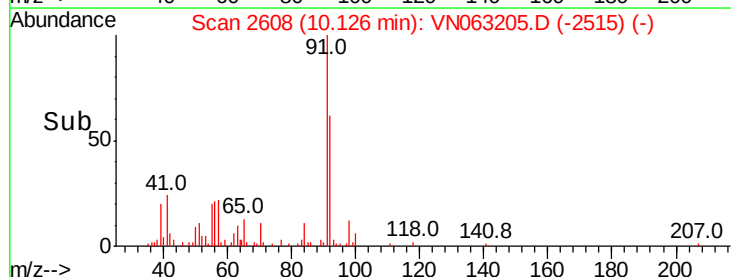
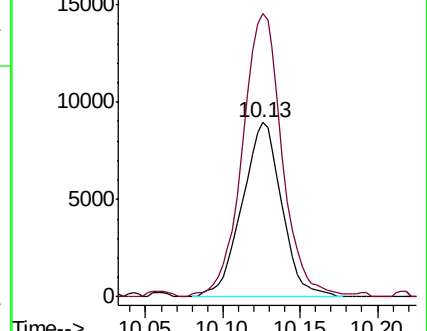
92 100

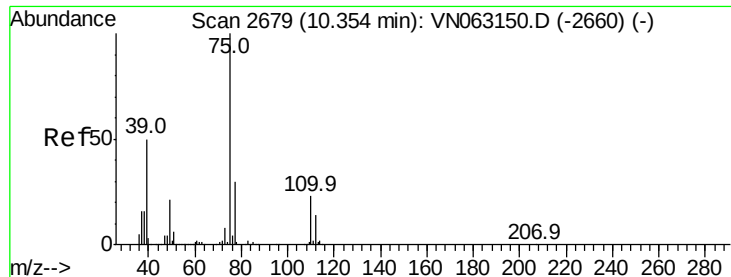
91 163.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 23.765 ug/l

RT: 10.32 min Scan# 2669

Delta R.T. -0.03 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

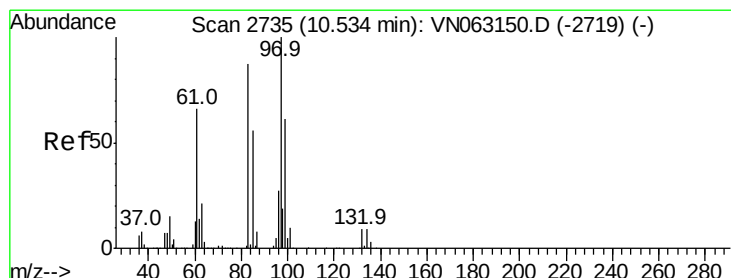
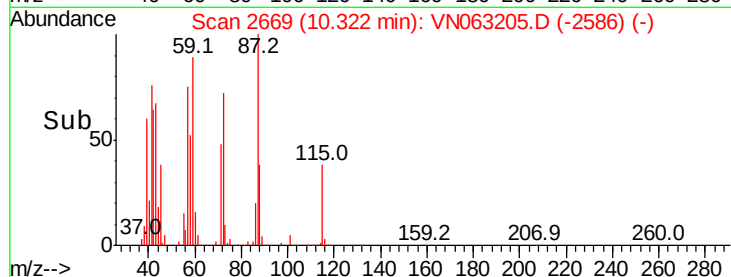
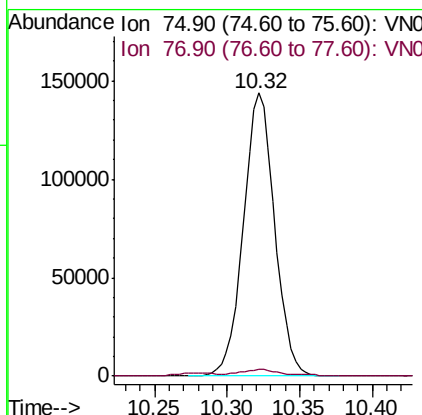
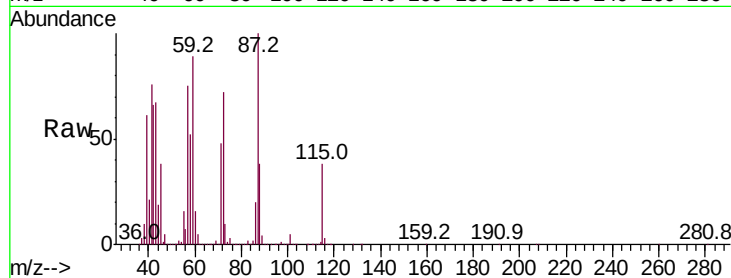
08-09-12

Tot Ion: 75 Resp: 21537

Ion Ratio Lower Upper

75 100

77 2.2 24.2 36.2#



#55

1,1,2-Trichloroethane

Concen: 1.132 ug/l

RT: 10.47 min Scan# 2714

Delta R.T. -0.07 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Tgt Ion: 97 Resp: 5952

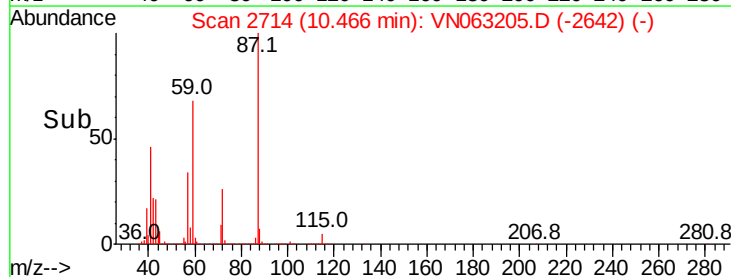
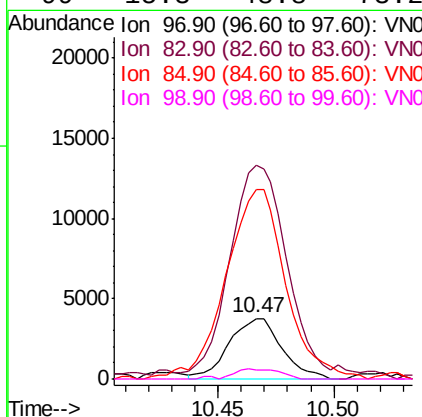
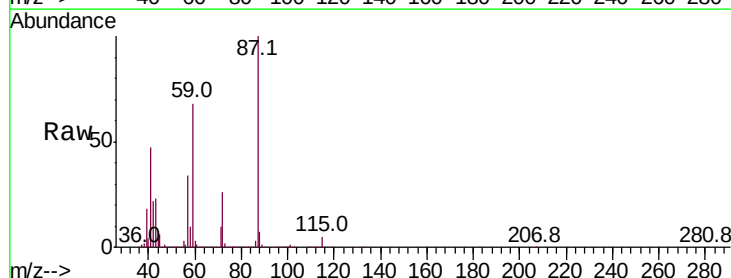
Ion Ratio Lower Upper

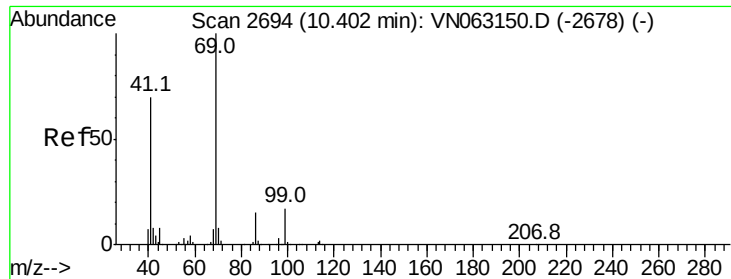
97 100

83 339.8 69.8 104.8#

85 300.3 44.9 67.3#

99 15.3 48.8 73.2#





#56

Ethyl methacrylate

Concen: 1.742 ug/l

RT: 10.47 min Scan# 2714

Delta R.T. 0.06 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

08-09-12

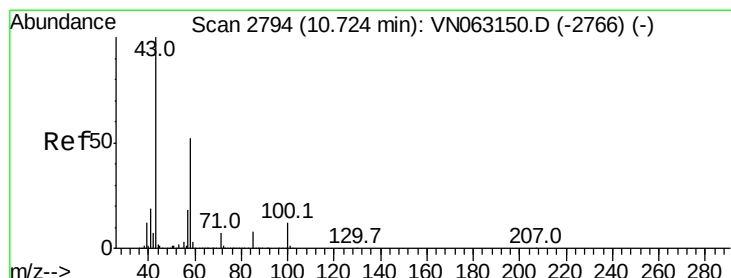
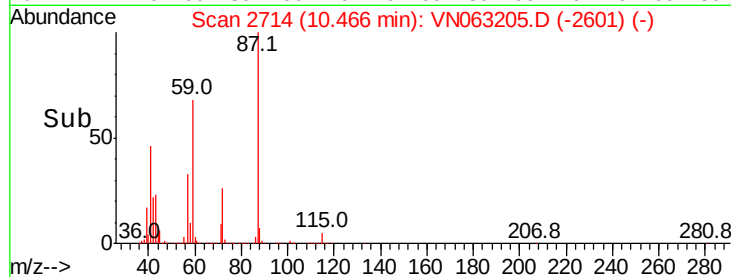
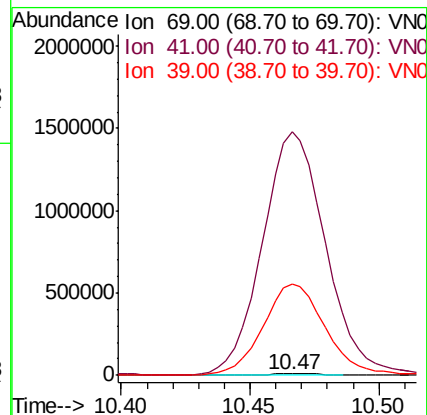
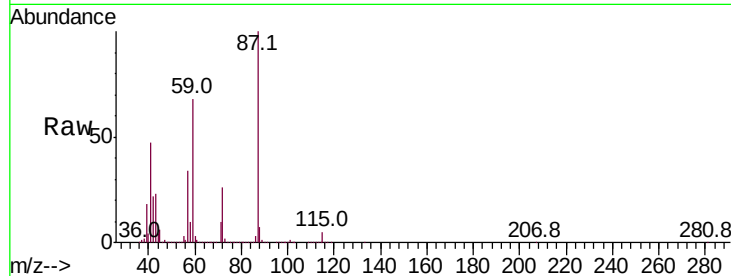
Tot Ion: 69 Resp: 13942

Ion Ratio Lower Upper

69 100

41 18242.5 55.5 83.3#

39 6693.1 38.2 57.2#



#59

2-Hexanone

Concen: 262.390 ug/l

RT: 10.47 min Scan# 2714

Delta R.T. -0.26 min

Lab File: VN063205.D

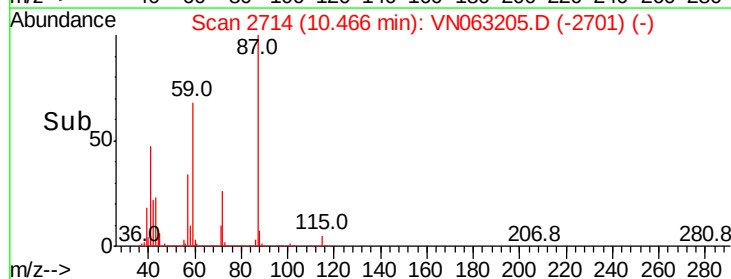
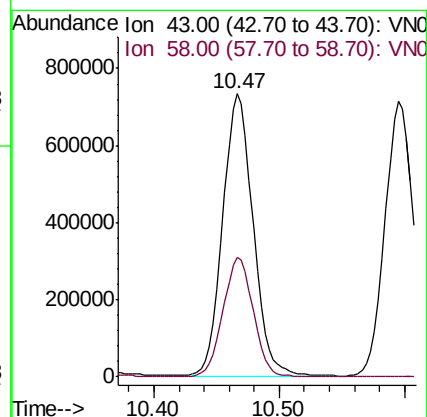
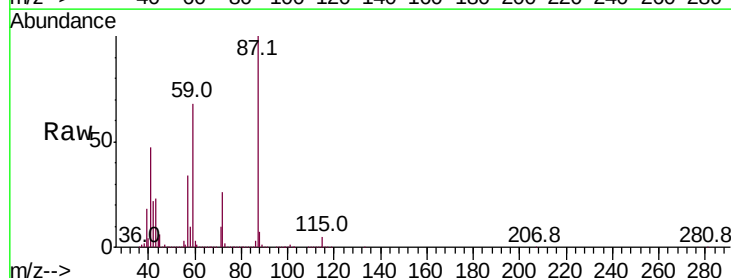
Acq: 2 Sep 2020 19:28

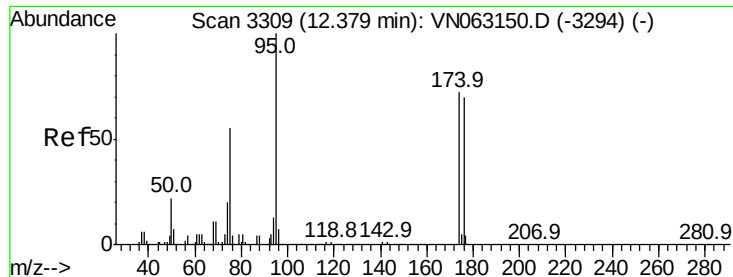
Tgt Ion: 43 Resp: 1226014

Ion Ratio Lower Upper

43 100

58 41.7 25.9 77.8





#62

4-Bromofluorobenzene

Concen: 54.976 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

08-09-12

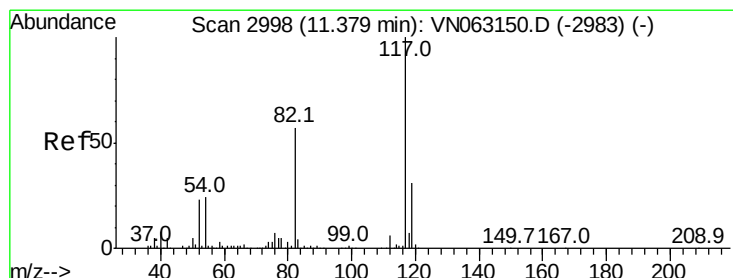
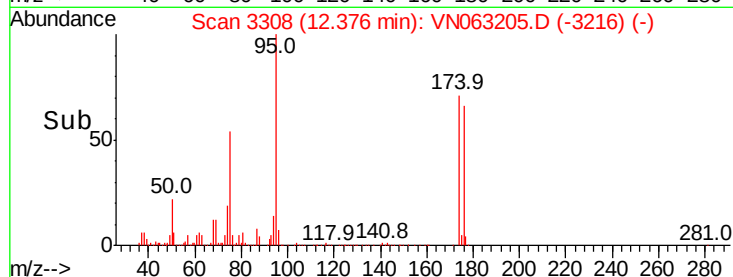
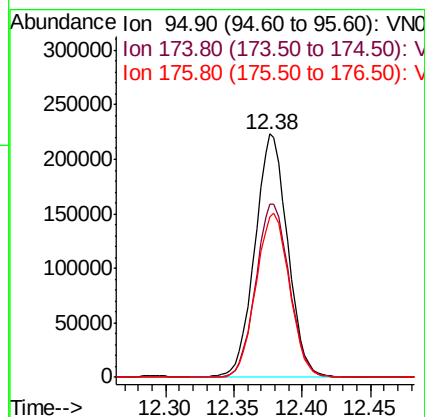
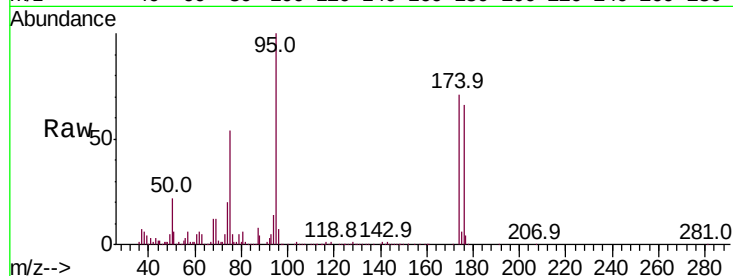
Tot Ion: 95 Resp: 370582

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.8

176 69.4 0.0 138.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

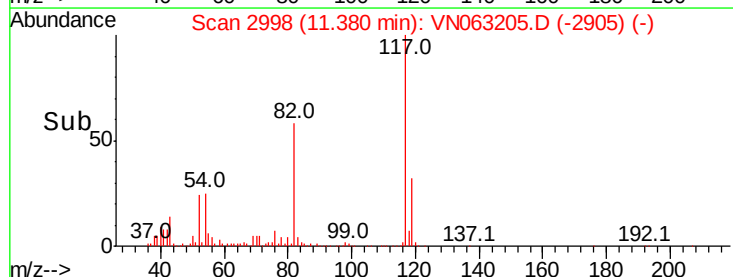
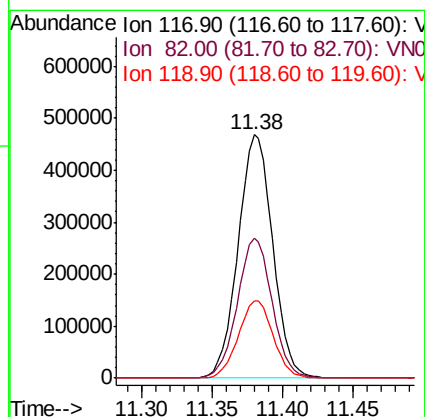
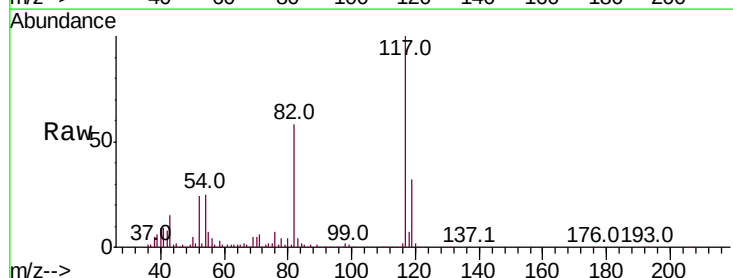
Tgt Ion: 117 Resp: 805802

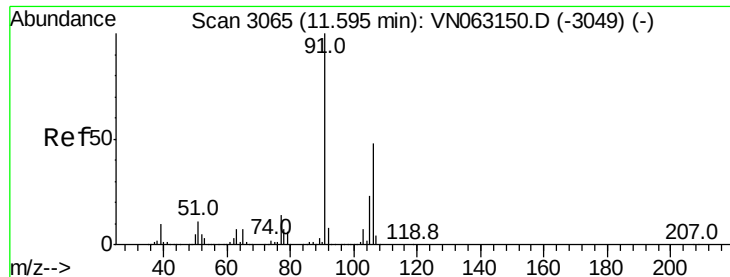
Ion Ratio Lower Upper

117 100

82 57.5 45.4 68.0

119 31.9 24.6 37.0

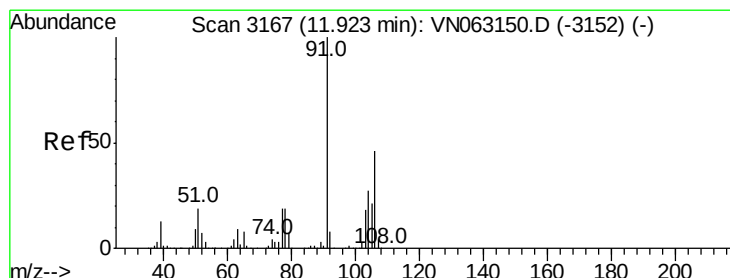
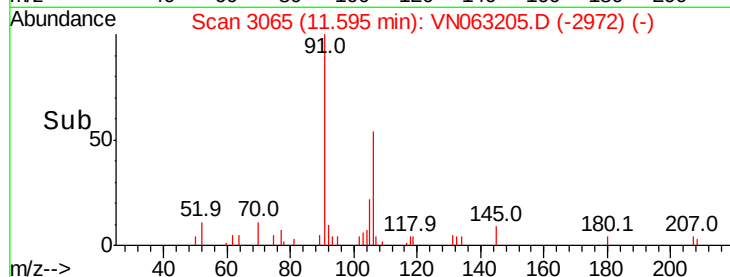
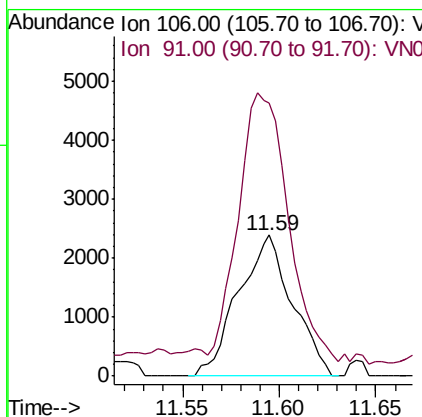
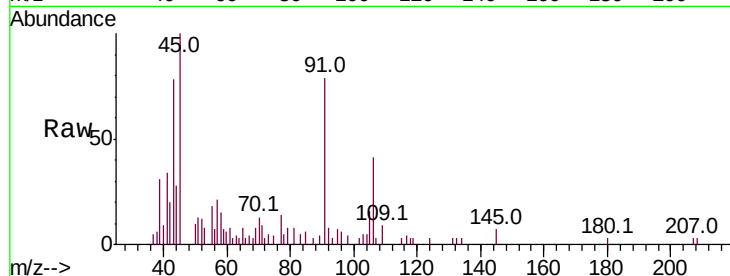




#68
m/p-Xylenes
Concen: 0.423 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063205.D
Acq: 2 Sep 2020 19:28

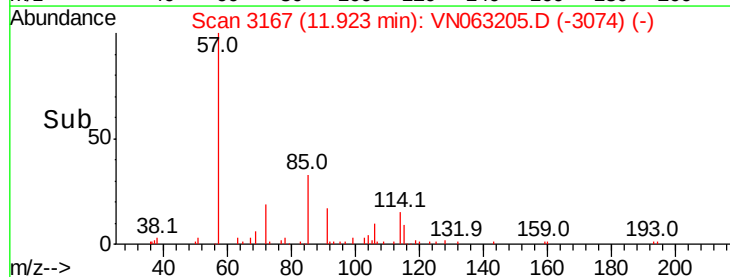
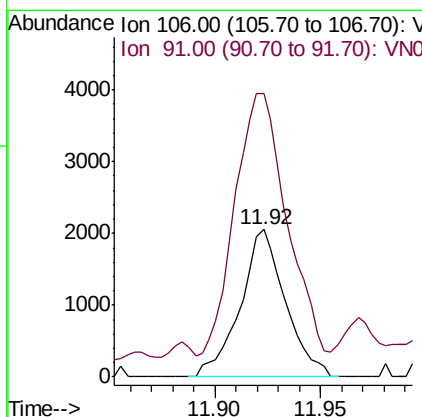
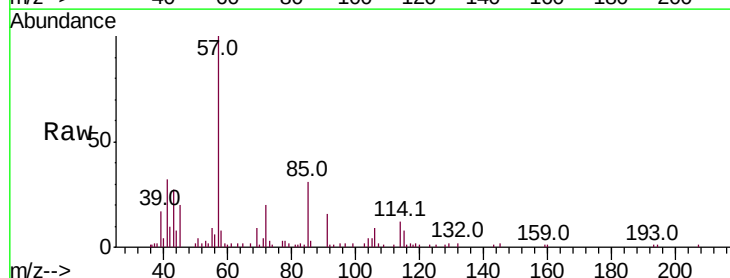
Instrument :
MSVOA_N
ClientSampled :
08-09-12

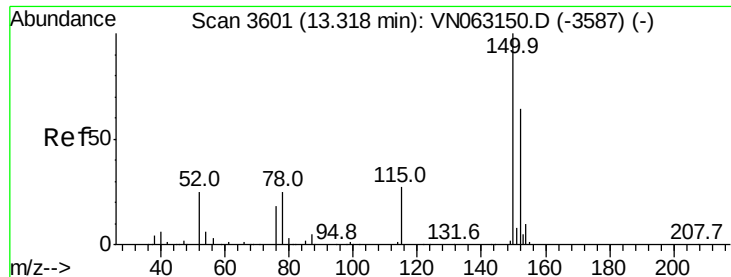
Tot Ion:106 Resp: 4641
Ion Ratio Lower Upper
106 100
91 176.2 166.7 250.1



#69
o-Xylene
Concen: 0.288 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063205.D
Acq: 2 Sep 2020 19:28

Tgt Ion:106 Resp: 3047
Ion Ratio Lower Upper
106 100
91 205.1 108.6 325.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

08-09-12

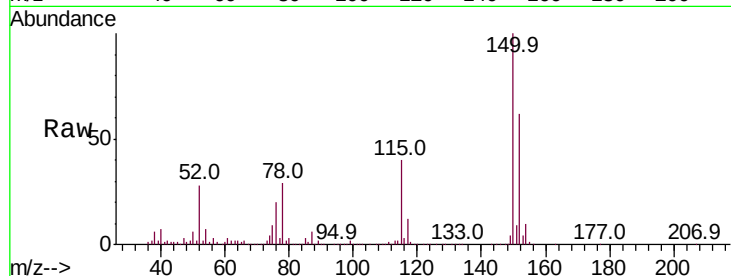
Tot Ion:152 Resp: 322010

Ion Ratio Lower Upper

152 100

115 63.3 32.0 96.2

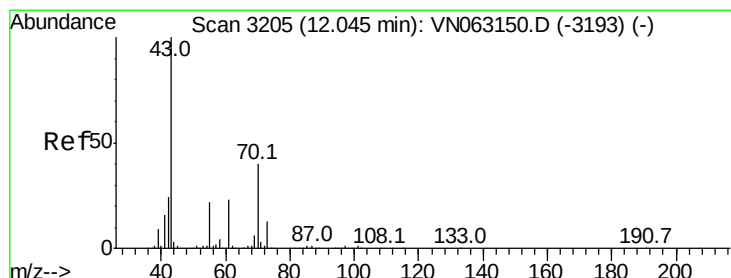
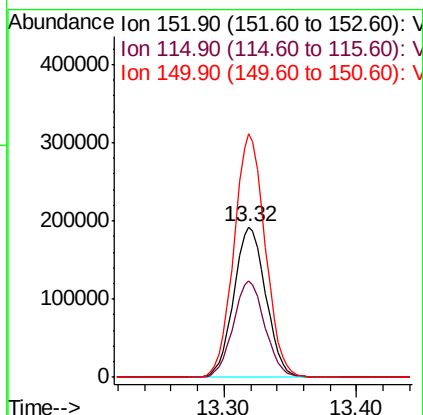
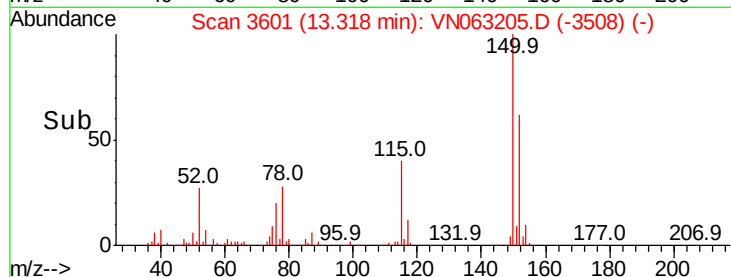
150 158.3 0.0 353.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.935 ug/l

RT: 12.00 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Tgt Ion: 43 Resp: 19796

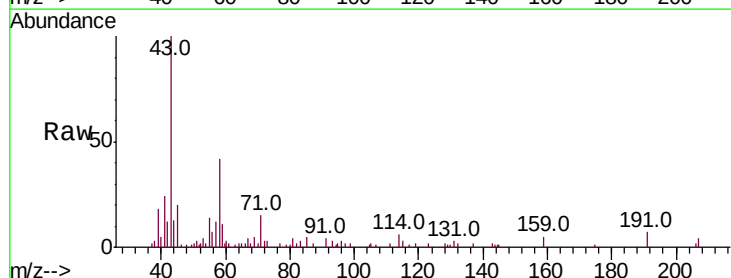
Ion Ratio Lower Upper

43 100

70 2.5 32.1 48.1#

55 0.0 17.4 26.0#

61 0.7 18.6 27.8#

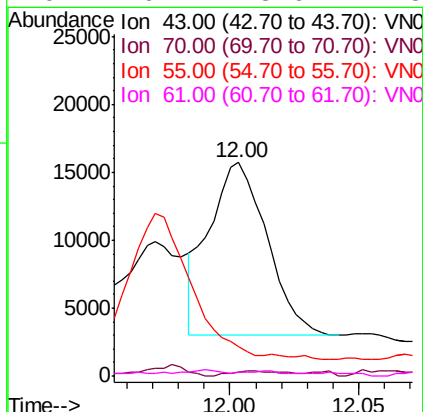
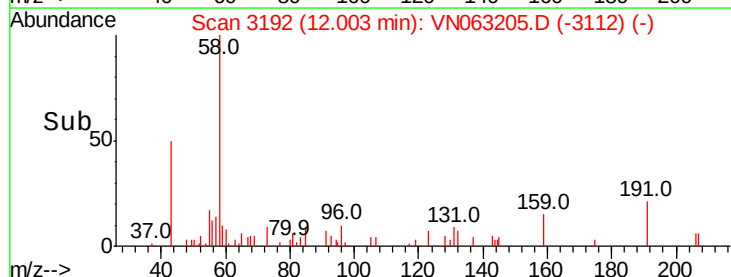


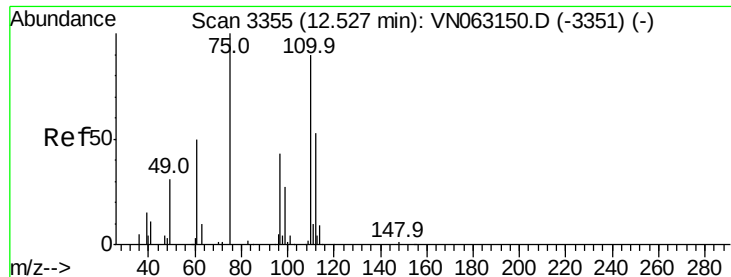
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 32.567 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

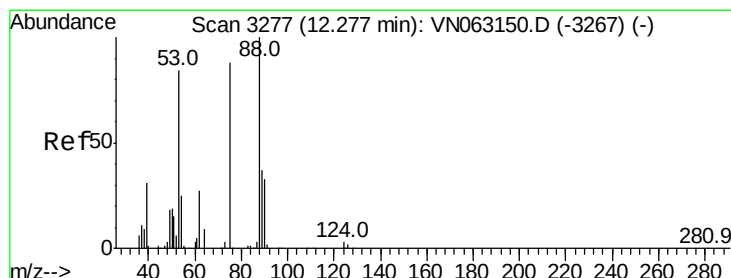
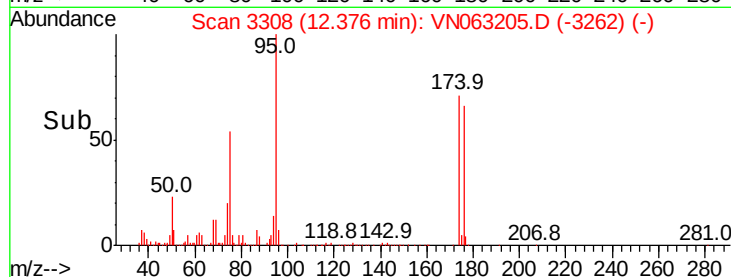
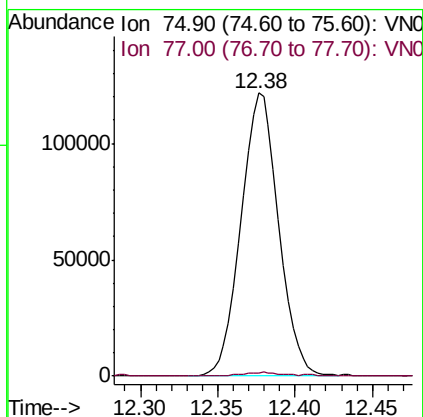
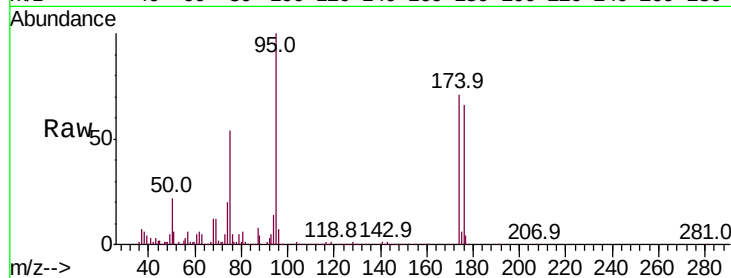
08-09-12

Tot Ion: 75 Resp: 206047

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.714 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

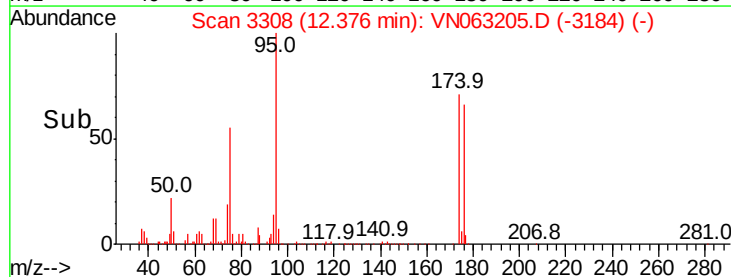
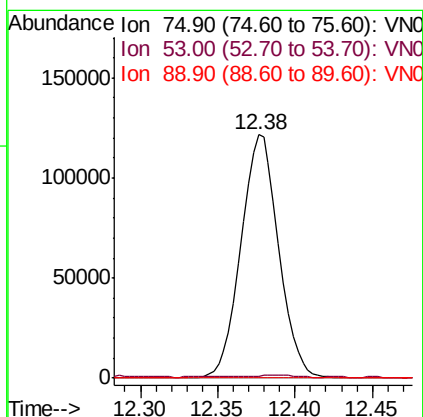
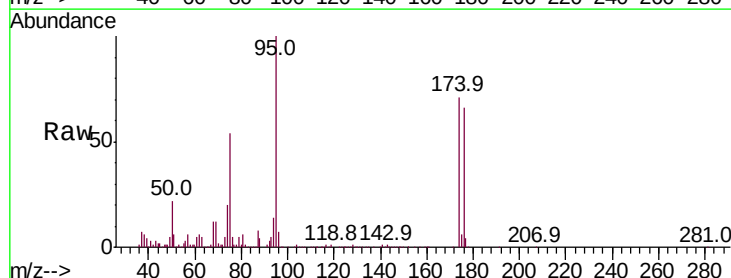
Tgt Ion: 75 Resp: 206047

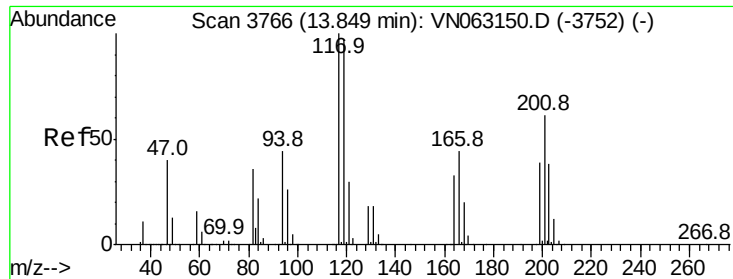
Ion Ratio Lower Upper

75 100

53 0.9 78.7 118.1#

89 0.1 35.3 52.9#





#90

Hexachloroethane

Concen: 0.417 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

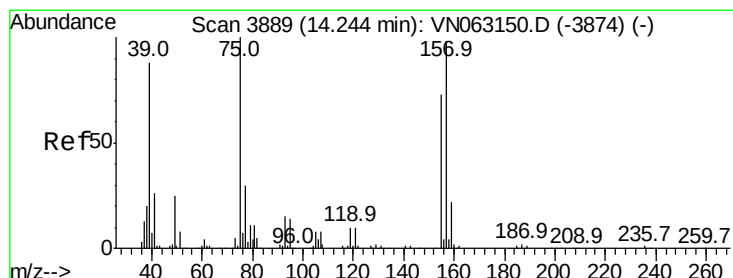
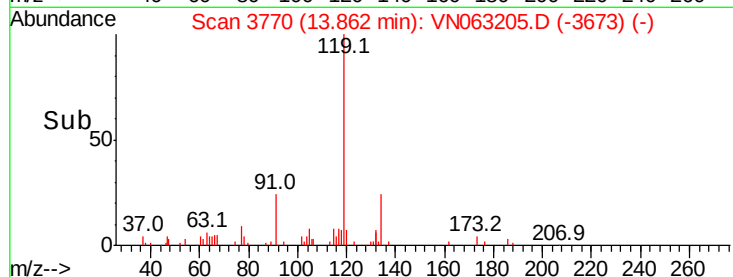
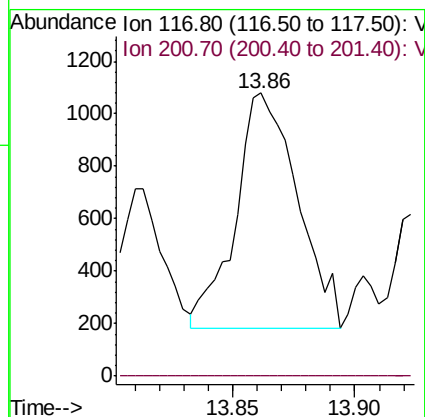
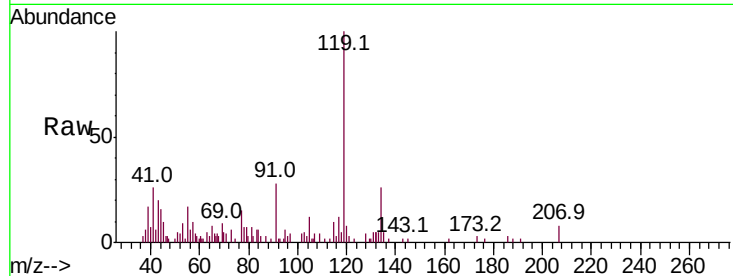
08-09-12

Tot Ion:117 Resp: 1575

Ion Ratio Lower Upper

117 100

201 0.0 30.6 92.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.458 ug/l

RT: 14.23 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

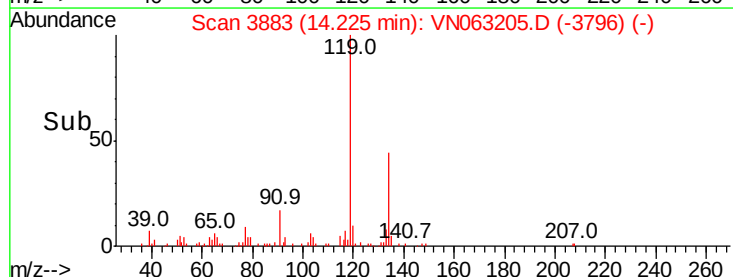
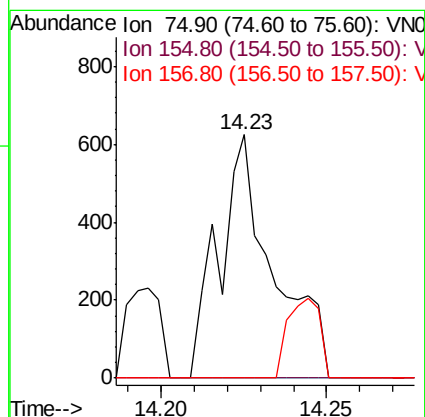
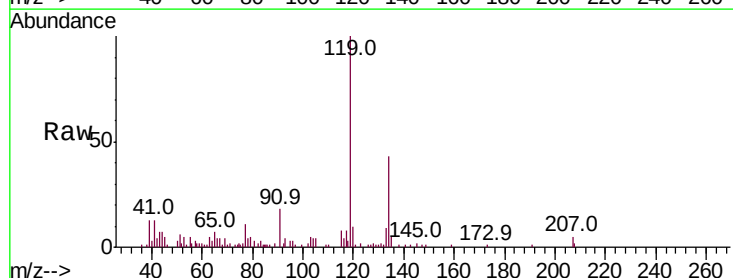
Tgt Ion: 75 Resp: 717

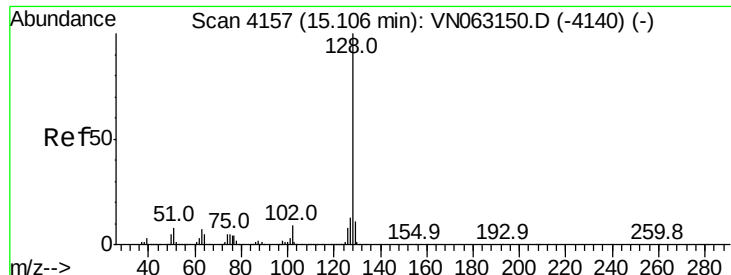
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 19.2 48.4 145.0#





#95

Naphthalene

Concen: 7.432 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063205.D

Acq: 2 Sep 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

08-09-12

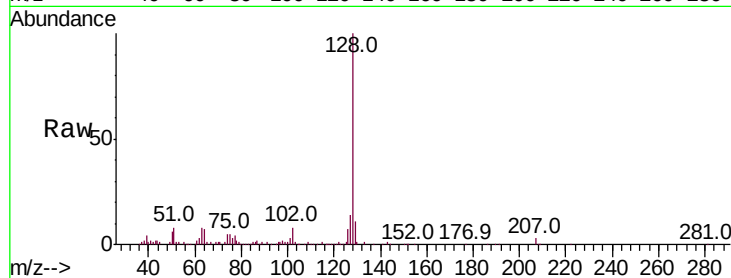
Tot Ion:128 Resp: 137941

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

